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PATRICK R. FITZGIBBON,

CITY REGISTER. Rec'd Feb 9, 03

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THE

MAYOR'S MESSAGE

WITH

Accompanying Documents,

TO THE

MUNICIPAL ASSEMBLY

OF THE

CITY OF ST. LOUIS,

For the Fiscal Year Ending April 8th, 1901.

PRINTED FOR THE MUNICIPAL ASSEMBLY.

ST. LOUIS:
NIXON-JONES PRINTING CO.
1901.

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MAYOR'S MESSAGE.

MAYOR'S MESSAGE.

MAYOR'S OFFICE,
ST. LOUIS, August 2, 1901.

To the Honorable The Municipal Assembly of the City of St. Louis:

GENTLEMEN — In accordance with my duty under the City charter, I herewith submit to you for your consideration this, my first annual message, together with the reports of the heads of the various municipal departments for the year 1900-1901.

It has become the established custom in the submission of messages of this character for the Mayor to suggest to the Assembly such matters of immediate local importance as seem to require remedial legislation. Following that custom I beg to call the attention of the Assembly to a few matters that seem to me to be of more than passing interest at this time.

That a great World's Fair is to be held in our midst in the year 1903 is now a certainty. It is intended that this event in celebration of the purchase of the Louisiana territory, of which territory St. Louis may well claim to be the metropolis, shall surpass all previous celebrations of a similar character. That it will do so none familiar with the spirit and energy of our citizens can doubt. But more must be done than merely this. St. Louis, the scene of the celebration, must constitute in herself the greatest of all of the exhibits then to be displayed. She should put herself in order. She should prepare her gala attire, and wear it from the day the gates of the fair are first opened. To do so much work must be done; but if taken up in earnest, and with a proper feeling of the civic pride that should actuate us all, it can be done. Our streets should be improved and modernized so as to present an attractive appearance to the stranger, and remain after the fair a source of pleasure, comfort and satisfaction to ourselves. Our sewer system, upon which the health of the people so much depends, must be enlarged and bettered. Our public buildings, to a large extent, must be remodeled. Unsightly poles and wires still remaining above the surface must be taken down.

Unfortunately, however, we are hampered in these undertakings by a charter which, however well it was devised at the time of its adoption, has proven insufficient for our present necessities. Our powers under it are too restricted. Our municipal revenue is insufficient for the actual operations of our City government. There will soon be submitted to the people of the City certain charter amendments, the object and purpose of which are to relieve this situation and to enable us to realize the accomplishment of our needs. As a matter of fact

the local government, under the State constitution, is entitled to greater sources of revenue than, under the present charter restrictions, it now enjoys. One of the purposes of the amendments is to remove such restrictions so as to enable the City to obtain for its use that revenue which the constitution authorizes. The present income, even after the most rigid economy in the conduct of the various departments of municipal affairs, is barely sufficient to cover the necessary operating expenses of those departments. Under the prevailing system the general municipal revenue is called upon to contribute to the reconstruction of our streets, and to the building of all of our public sewers. The revenue not being in the treasury such work has necessarily had to cease. For the same reason our public structures, particularly our eleemosynary institutions, are compelled to remain inadequate and unsuitable for the demands made upon them. The proposed amendments are well calculated to alleviate the situation. They have been prepared after much careful consideration and study of the City's condition and the City's needs, and they have been approved by a non-partisan commission of our citizens. The cost of local improvements has been so distributed as to work no hardship upon the property benefited thereby, and yet to enable the resumption of much needed improvements. Should these amendments, when voted upon, be defeated, we remain as we are, and will exhibit ourselves to the hundreds of thousands of guests, from this and from every civilized land of the globe, whom we have invited to come within our gates, in our present deplorable condition. On the other hand, the adoption of the amendments will permit us to begin with systematic energy to create the New St. Louis, for the advent of which we are all so eager. A proper local pride and a desire for the welfare of his City will, I am sure, make every good citizen who gives these amendments his careful study, favor their adoption.

I deem it also proper to suggest to your honorable body the advisability of requiring reasonable compensation from all persons to whom may be given special privileges or franchises involving the use of public property, such as the occupancy of the streets, alleys or other public places belonging to the City, either on, above or below the surface. If one citizen should seek from another the right to occupy for purposes of profit his private property, he would scarcely expect to secure consent without being required to pay some fair remuneration therefor. Of the public property we are mere trustees, and should demand and insist upon similar compensation for its use, without making the demands so excessive as to impede or obstruct public enterprise involving such use. A similar system has been found to operate successfully in at least one of our sister cities.

With much regret I was recently compelled, on practical grounds, and not because of any opposition to the principle involved, to return to the Assembly without my approval two bills looking to the acquisition by the City of its own electric lighting plants. I favored the policy of securing such utilities as are

required by the City for its public work of all kinds, if on no other ground than that of economy. We should not only acquire our own plants for the lighting of our buildings, but also for the lighting of the streets, the alleys, the parks and other public places. We should also secure for the City its own plant for the disposal of garbage and offal. The acquisition of such plants may be rendered possible should the charter be amended and the necessary means be thus furnished.

I have already referred to the fact that our streets, even in the underground district in the heart of the City, are still marred by the presence of electric wires and poles. These are the property of the telegraph companies which were not permitted to bury their wires under the Keyes Ordinance. Legislation should be provided which will not only enable the companies to do this, but which will make it compulsory upon them to do so.

I need scarcely add that I advocate the exercise of the most rigid economy in every department, so that the municipal income may be made to go to its utmost extent in the renovation and restoration of our City.

Respectfully,

ROLLA WELLS,
Mayor.

CITY FINANCES.

REPORT

OF THE

COMPTROLLER

OF THE

CITY OF ST. LOUIS

FOR FISCAL YEAR 1900-1901.

SUBMITTED TO THE MUNICIPAL ASSEMBLY.

PRESS OF
Woodward & Tiernan
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ST. LOUIS.

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REPORT OF THE COMPTROLLER

—OF THE—

CITY OF ST. LOUIS

FOR FISCAL YEAR 1900-1901.

SUBMITTED TO THE MUNICIPAL ASSEMBLY.

COMPTROLLER'S OFFICE,
ST. LOUIS, June 19, 1901.

To the Municipal Assembly of the City of St. Louis:

GENTLEMEN—In pursuance of Section 48, of Article IV., of the Charter, I herewith transmit the annual report of my predecessor, Hon. Isaac H. Sturgeon, upon the financial transactions of last fiscal year, and I also submit my estimates of resources and appropriations necessary to meet the requirements of the City government for the current fiscal year.

The estimated resources of Interest and Public Debt Revenue and Harbor Fund, are sufficient to meet the requirements. The amount available for appropriation from Water Works Revenue is estimated at $2,635,693.91. After providing for the operating expenses of the Water Works and cost of collecting the revenue, there will remain $1,923,408.91 for new work, such as extending the distribution system, completing the extension and reconstruction of the works, and provide for furnishing pure, wholesome water. Of course, there would not be sufficient revenue to complete the extension and reconstruction of the works and build a filtration plant in one year. But it is probable that money could be furnished as fast as the work could be done—at least so fast as not to materially delay the undertaking.

The estimates of taxes for municipal purposes are based on the valuation of property as assessed by the City Board of Assessors, and the estimated assessment of railroad, bridge, telegraph, express and street railway properties by the State Board of Equalization. In estimating the assessment by the State Board of Equalization, it is assumed that this class of property will be assessed substantially as the same was assessed for the taxes of last year.

The revenue to meet general expenses is estimated, as follows:

Unappropriated surplus at beginning of the fiscal year		$ 28,595 65
Current Taxes, 1901	$3,316,719 34	
Delinquent Taxes	450,000 00	
Tax on Foreign Insurance Companies	41,897 31	3,808,616 65
Licenses		1,630,000 00
Boiler and Elevator Inspections		14,000 00
Building Permits		10,000 00
Collections on Franchises		181,750 00
Fines, Fees and Commissions		160,000 00
Markets		29,000 00
Recorder of Deeds		41,000 00
State's Portion Cost of Assessing the Revenue		36,500 00
All other Sources		47,750 00
		$5,987,212 30

The estimated increase of income from taxes over the actual receipts of last year amounted to about $106,000. Income from licenses is estimated at about $115,000 over the receipts from that source last year. The actual receipts last year from all other sources of municipal revenue were $489,011.08, and these are estimated at $548,400 for this year, an increase of about $59,400, making an aggregate increase of estimated revenue of $280,400, over the actual receipts of last fiscal year.

The appropriations necessary to carry on the government, as now established by law and ordinance, are estimated as follows:

Ordinance and Statute Obligations—		
Hospital Fund	$ 58,248 43	
Police (Requisition of the Board of Police Commissioners)	1,637,022 79	$1,695,271 22

General expenses incidental to exercising the functions of a County in its relation to the State:

Administration of Justice—		
Costs in Misdemeanor Cases	$ 30,000 00	
Circuit Court, Circuit Court for Criminal Causes, Court of Criminal Correction and Probate Court	137,805 40	
Justices of the Peace Courts	95,020 00	
Jury Commissioner	20,802 00	
Jury and Witness Fees	40,000 00	
Jail	44,280 00	
Maintaining Boys at the State Reform School	10,000 00	
Maintaining Girls at the State Industrial Training School	200 00	
Maintaining Convicts at the Lunatic Asylum	150 00	
Probationary System for juvenile delinquents	2,100 00	
Court House and Four Courts Building	25,579 95	$ 405,937 35
Assessment of Revenue and Making Back Tax Books and Bills		72,995 95
Coroner's Office and Morgue		26,039 60
Eleemosynary Institutions and Charities—		
City Dispensary, City Hospital, Female Hospital, Insane Asylum, Poor House and House of Refuge	$ 560,890 85	
Care of Foundlings at Private Asylums	43,588 68	
Maintaining indigent pupils sent to State School for deaf and dumb	600 00	
Mayor's Contingent Fund	12,500 00	617,579 53
Election and Registration		96,675 55
Recorder of Deeds		49,610 70
		$1,268,838 68

General expenses incident to exercising municipal functions:

Administration of Justice under Municipal Code—	
Police Courts, Marshal and Work House	$ 112,422 45
Board of Engineers and Boiler Inspector, and Inspector of Weights and Measures	19,479 15
Election and Registration (City Elections)	64,169 30
Fire Department and Fire Alarm Telegraph	785,642 57
Health Department and Sanitary Measures	301,069 12
Lighting Streets, Alleys, Parks, Public Places	565,004 06
Lighting Public Buildings	124,700 00
Public Buildings, City Hall and New City Hall	29,669 69

Public Improvements, Salaries, Repairs and Miscellaneous—		
President's Department	$ 53,438 88	
Numbering Houses	1,920 00	
Parks	123,974 90	
Sewers	109,100 00	
Streets	736,879 11	$1,025,312 89
Departments Not Classified Above—		
Commissioner of Public Buildings, Commissioner of Supplies, Factory Inspection Department, Law Department, Milk Inspection, Municipal Assembly, Plumbing Inspection, Mayor, Comptroller, Auditor, Register and Treasurer		280,623 74
Miscellaneous Expenses		63,184 56
		$3,371,277 53
New Public Work and Special Purposes—		
Sewers, construction	$ 291,000 00	
Streets	127,000 00	
Other Special Purposes	31,254 64	$ 449,254 64
Recapitulation—		
Ordinance and Statute Obligations		$1,695,271 22
General Expenses Incident to Exercising the Functions of a County	$1,268,838 68	
General Expenses Incident to Exercising Municipal Functions	3,371,277 53	4,640,116 21
New Public Work and Special Purposes		449,254 64
Salaries and Expenses on account of strike last summer		102,000 00
Total Estimated Requirements		$6,886,642 07
Total Available for Appropriation		5,987,212 30
Deficiency		$ 899,429 77

The estimates of expenditures are made on a basis of what I consider absolute requirements, but even on such a basis, the revenue is deficient by nearly $900,000. Even for the ordinary current expenses of the government the revenues would be deficient about $385,000.

Under the law no deficiency can arise, the city must live within its income. Therefore, in order to prevent a deficiency, it will be necessary for the Municipal Assembly to provide more revenue or reduce the appropriations below my estimates of absolute requirements. Our license revenue system is an extensive one, and with

few exceptions has not been efficient thus far. To reduce appropriations below my estimates without impairing the service, that is, without leaving undone what should be done will be found to be impossible.

It must be borne in mind that much the greater part of the expenditures are such as are practically fixed by statute, such as are fixed by contract, or of such a nature as to make them imperative necessities. To the first class belong those that are imposed by statute, such as the administration of justice, assessment of revenue, coroner's inquests, State elections and registration, recorder of deeds and police. These require $2,288,281.94. To the second class belong—including public improvements, streets, sewer and parks, new work and maintenance—the administration of justice under the Municipal Code, City elections and registration, fire department, health department, and sanitary measures, eleemosynary institutions and charities, and lighting streets, etc., absorbing $2,628,835.46 of the revenue; these two classes of expenditures aggregate $4,917,127.40, leaving $1,070,085.10 for all other departments and objects, streets, sewers, new buildings for the accomodation of our indigent sick and insane, and the cost of the general administration of Municipal functions; this amount—$1,070,000—would be insufficient for streets alone if properly improved and cared for as they should be.

It is necessary to recognize the fact that the needs of the City can not be met by economizing. Some little, but only a little, can be done in this direction. The only way in which the deplorable condition of the City can be changed is by removing, to some extent, the severe restrictions of the Constitution and Charter relating to the City's powers of taxation and incurring debt, and removing existing barriers relating to public improvements.

To this end certain amendments of the Constitution and Charter have been proposed by the Public Welfare Committee. The amendments to the Constitution will be submitted to the voters of the State at the November election 1902, and the ordinances for submitting the proposed Charter amendments are now pending before your honorable body.

The purposes of the amendments to the Constitution are:

First. To permit the City to levy, in addition to the municipal rate of taxation now allowed, viz.: $1.00 on the $100 valuation of

taxable property, the rate of taxation ($0.35 per $100) which would be allowed for county purposes if the City were within a county. Inasmuch as the City must exercise the functions of a county in its relation to the State, it seems to me to be eminently proper that it should receive the revenue which a county receives for exercising those functions; in fact the Constitution should never have deprived the City of the right of availing itself of this revenue.

Second. To extend the City's power of incurring indebtedness beyond the limit now fixed by the Constitution, namely, five per cent of the assessed valuation of property. To this end the amendment proposes to permit the City, in determining the aggregate of indebtedness it may incur, to exclude from the computation the $6,111,000 of county indebtedness now outstanding, which was assumed by the City at the time of separation from the county. Also, to exclude from such computation the $5,808,000 of Water Works bonds now outstanding; and, also, all bonds which may be issued hereafter for the construction and improvement of the Water Works, conditioned, however, that the payments of the interest and the principal of such bonds are provided for out of the revenues derived from the Water Works. Excluding county indebtedness assumed in consolidation of City and county, or in annexing part of a county, in determining the borrowing, is, pursuant to the Constitution of New York State, the practice of the City of New York. To exclude the water debt in such computations is allowed to cities in many, if not in most, of the States. Even if these amendments are adopted, the City can not avail itself of the privilege of increasing its bonded indebtedness before the fiscal year 1903–1904, and then only in case the Charter is so amended as to permit the exercise of the full powers of levying taxes and borrowing money allowed by the Constitution.

The purposes of the proposed amendments, so far as they affect the finances of the City are:

First. To extend the power of taxation to "any or all of the subjects or objects of taxation which the municipality may tax under the Constitution and laws of the State."

Second. To authorize the Municipal Assembly to levy taxes.

(*a*) To authorize the Municipal Assembly to increase the rate

of taxation for municipal purposes $0.35 on the $100 valuation in case the amendment to the Constitution permitting the same is adopted. The City cannot benefit by the provisions of this amendment until after the adoption of the Constitutional Amendment in relation to the same subject, that is, not before the fiscal year 1903–1904.

(*b*) To pay interest and principal of any indebtedness which may be incurred hereafter. It should be noted that new debts can not be contracted without the assent of two-thirds of the voters voting at an election held for that purpose.

(*c*) To authorize a tax levy for the special purpose of erecting public buildings. Even after the adoption of this amendment, the proposition to increase the tax levy for the purpose of providing means with which to erect public buildings must be submitted to the voters of the City and adopted by them by a two-thirds vote. If this amendment is adopted the City may avail itself of its provisions during the fiscal year 1902–03, provided the election just referred to is held prior to May, 1902, and the proposition receives the assent of the voters.

(*d*) To provide for the rate of taxation which may be levied in any year in case the Municipal Assembly fails to make the levy for such year on or before the fourth Monday in May of such year. The amendment adds "and failing so to do the rates last previously established shall be the percentage of taxes for the current year."

Third. To provide new laws relating to improvements—new streets, sewers, etc. Under the restrictive laws relating to this subject improvements have come to a standstill, and unless changed will remain so. However, these amendments will only affect the finances remotely.

The proposed amendments to the Constitution and Charter, if adopted, will relieve the City, to some extent, and it is to be hoped that when submitted they will be adopted. But we must not promise ourselves too much from these proposed amendments, because, in order to fully meet all the City's wants radical amendments to the Constitution and Charter would be required; and this can only be accomplished by drafting a new Constitution and a new Charter.

TAXATION.

The assessed valuation for the taxes of 1901 is $368,377,560, exclusive of railroad, bridge, telegraph, express and street railroad property, which is assessed by the State Board of Equalization, and this is estimated on the basis of last year, namely, $22,280,000.

The rate of taxation as established for the current year differs from the rates for the taxes of last year in the following respects, namely: Pursuant to the result of the election the rate for Public Library Tax was increased one-fifth of a mill, or two cents on the $100 valuation, and therefore, the rate for general municipal purpurposes, was reduced to the same extent. Heretofore the property in a portion of the territory annexed to the City under the Scheme and Charter was assessed at a lower rate than the property in the old limits of the city. This year the rate is uniform over both old and new limits.

The rate of taxation for the payment of the debt and the interest thereon was reduced five cents, that is, from thirty cents to twenty-five cents, on the $100 valuation. The amount of taxes that will be realized from this rate, together with the unappropriated surplus now to the credit of this fund will be sufficient to meet the requirements of the law.

The rates for 1901, on the $100 valuation are as follows:

	Old Limits.	New Limits, Subject to Increased Rates.
For payment of debt and interest	$0.25	$0.25
For general municipal purposes	0.96	0.96
Total City	$1.21	$1.21
For Public Library	0.04	0.04
Total	$1.25	$1.25

Respectfully submitted,

JAMES Y. PLAYER,

Comptroller.

CITY FINANCES.

Report of the Retiring Comptroller

—OF THE—

CITY OF ST. LOUIS

FOR FISCAL YEAR 1900-1901.

SUBMITTED TO THE MUNICIPAL ASSEMBLY.

COMPTROLLER'S OFFICE,
ST. LOUIS, April 15, 1901.

To the Municipal Assembly of the City of St. Louis:

GENTLEMEN—In compliance with Section 48, Article IV., of the Charter, I submit herewith my annual report on the financial transactions and condition of the City.

FINANCIAL TRANSACTIONS LAST FISCAL YEAR.

(For Classification as to Revenue and Special Funds see Statements A & B.)

RECEIPTS.

Current Taxes, 1899	$4,223,613 54	
Delinquent Taxes	637,651 52	$4,861,265 06
Licenses—		
Bicycles	$ 3,873 69	
Commission Merchants	14,162 01	
Dogs	2,540 99	
Dramshops	1,001,573 05	
Insurance Companies and Agents	18,708 00	
Manufacturers	163,408 82	
Merchants	202,449 69	
Peddlers and Hawkers	9,601 07	
Street Railroad (tax on cars)	20,572 50	
Vehicles	36,159 10	
All other licenses	42,316 63	1,515,365 55

Water Rates, etc			$1,607,168 82
Wharfage and Wharf Rents, etc			60,484 71
Miscellaneous Revenue and Incidental Collections—			
Collections on Street Railroad Franchises		$ 157,260 90	
Fines and Fees from Police Courts		8,245 50	
Fees and Surplus Fees and Commissions—			
Fees for Boiler and Elevator Inspections	$ 14,144 00		
Fees for Building Inspections	8,987 00		
Fees for Transcripts furnished by Coroner	45 85		
Fees for Recording Deeds, etc	39,486 40		
Fees For Weights and Measures Inspections	9,760 25		
Fees from Courts of Record	53,141 07		
Fees from Justices of the Peace Courts	45,498 76		
Surplus Commissions of Collector	32,307 15		
All other Fees and Surplus Fees and Commissions	12,125 30	215,495 78	
Interest on Current Deposits		92,023 38	
Market Rents		29,764 75	
Rents		1,981 79	
Scales—City's and Private		14,420 51	
State's portion Cost of Assessing the Revenue		36,397 85	
State's appropriation for Rent of Court of Appeals		2,757 20	
All other Miscellaneous Revenue and Incidental Collections		36,651 57	594,999 23
Total Revenue Collections			$8,639,283 37
Special Funds—			
Opening Streets—Benefits		$ 40,830 01	
Boulevards—Maintaining—Special Taxes		9 97	
Street Sprinkling—Special Taxes		153,123 78	
Contract and other Deposits		557,191 93	
Proceeds Sales of Real Estate		103,177 85	
Public Library—Special Fund		75,727 18	
University Scholarship (Income Account)		255 50	
Other Special Fund Collections		44,317 56	974,633 78
Total Receipts			$9,613,917 15
Balance in Treasury, April 10, 1900			3,781,721 16
			$13,395,638 31

DISBURSEMENTS.

Warrants drawn against the Treasury—			
Remittances on Account of Interest on the bonded debt			$ 778,409 28
General expenses incurred by the city in exercising the functions of a county in its relation to the State:			
Administration of Justice—			
Costs in misdemeanor cases	$ 30,728 65		
Circuit Court, Circuit Court for Criminal Causes, Court of Criminal Correction and Probate Court	134,947 50		
Justices of the Peace Courts	93,811 25		
Jury Commissioner	9,436 58		
Jury and Witness Fees	39,744 98		
Jail	40,435 08		
Maintaining boys at the State Reform School	9,886 42		
Maintaining insane convict at State Lunatic Asylum	147 80		
Court House and Four Courts Building	25,805 61	$ 384,943 87	
Assessment of Revenue and Making Back Tax Book and Bills		76,992 44	
Coroner's Office and Morgue		24,032 93	
Eleemosynary Institutions and Charities—			
City Dispensary, City Hospital, Female Hospital, Insane Asylum, Poor House and House of Refuge	$ 540,198 17		
Care of Foundlings at private asylums and maintenance of deaf and dumb children at the State Asylum	15,577 79		
Mayor's Contingent Fund	1,500 00	557,275 96	
Election and Registration		94,963 63	
Recorder of Deeds		47,012 47	1,185,221 30
General expenses incurred in exercising municipal functions:			
Administration of justice under municipal code—			
Police Courts, Marshal and Work House		$ 114,216 35	
Board of Engineers and Boiler Inspector and Inspector of Weights and Measures		19,887 14	
Water Works—Operating Expenses and Collection of the Revenue		602,715 72	
Wharf and Harbor		59,309 84	
Fire Department and Fire Alarm Telegraph		719,593 53	
Health Department and Sanitary Measures		320,737 10	
Lighting Streets, Alleys, Parks and Public Places		423,185 25	
Lighting Public Buildings		91,304 85	
Police		1,598,158 69	
Public Buildings, City Hall and New City Hall		23,114 88	

Public Improvements—Salaries, Repairs and Miscellaneous Expenses—			
President's Department	$ 43,863 99		
Numbering Houses	1,000 00		
Parks	116,693 06		
Sewers	95,674 55		
Streets	485,375 12	$742,606 72	
Departments not classified above—			
Commissioner of Public Buildings, Commissioner of Supplies, Law Department, Factory Inspection, Milk Inspection, Municipal Assembly, Plumbing Inspection, Mayor, Comptroller, Auditor, Register and Treasurer		243,314 09	
Miscellaneous Expenses		90,527 61	$5,048,671 77
Payments on account of New Public Works, Betterments, etc.—			
Erecting and Furnishing New City Hall		$ 12,601 56	
Erecting New City Hospital		4,896 65	
Fire Department and Fire Alarm Telegraph		25,883 76	
Police Department (Erecting Station Houses)		22,823 58	
Parks		2,023 22	
Sewers, Construction		47,153 49	
Sewers, Reconstructing Mill Creek Sewer		4,558 02	
Street Improvements		13,560 10	
Street Reconstruction		625 29	
Water Works—Water Pipe	$ 461,578 20		
Extension	333,407 23		
Reconstruction	59,114 05	854,099 48	988,225 15
Special Funds—			
Contract and other Deposits		$ 544,600 79	
Opening Streets, Damages		39,755 94	
Public Library, Special Fund		70,919 01	
Sprinkling Streets		166,640 94	
Other Special Funds		110,302 39	932,219 07
			$8,932,746 57
Warrants on hand April 10, 1900, less Warrants Cancelled			179,667 32
			$9,112,413 89
Warrants on hand, April 8, 1901			159,307 31
Total Disbursements out of the Treasury			$8,953,106 58
Total Receipts (including balance April 10, 1900)			$13,395,638 31
Total Disbursements			8,953,106 58
Balance in Treasury, April 8, 1901			$4,442,531 73

CONDITION OF THE TREASURY.

The balance in the Treasury at the end of the fiscal year, April 8, 1901, was, as is shown above, $4,442,531.73. Adding the amounts of uncollected special tax bills in the matter of opening, sprinkling and changing grades of streets and maintaining boulevards ($454,902.72), gives the total resources of the Treasury $4,897,434.45. Against this amount are chargeable the balance as standing to the credit of special funds and accounts, amounting in the aggregate to $2,663,535.11. Deducting this amount from the resources of the Treasury there remains an unappropriated surplus of $2,074,592.03, belonging to the respective revenue funds as follows:

Interest and Public Debt Revenue	$ 1,006,223 26
Municipal Revenue	28,595 65
Water Works Revenue	995,693 91
Harbor Fund	44,079 21
	$2,074,592 03

REVENUE AND APPROPRIATIONS.

The resources of the revenue funds income and unappropriated balances April 10, 1900, were as follows:

Interest and Public Debt Revenue	$ 2,206,885 59
Municipal Revenue	5,975,814 13
Water Works Revenue	2,550,911 25
Harbor Fund	103,549 54
	$10,837,160 51

The appropriations and transfers from the revenue funds during the fiscal year were as follows:

From Interest and Public Debt Revenue—		
For Interest on the Bonded Debt (remittances)	$ 778,409 28	
For Sinking Fund, being amount applicable for reducing the Bonded Debt	421,590 72	
For Miscellaneous Expenses chargeable to Interest and Public Debt Revenue	662,33	$1,200,662 33

From Municipal Revenue—			
To cover overdraft of fiscal year, 1899-1900	$ 121,746 66		
For expenses incurred in exercising the functions of a county in its relations to the State	1,185,221 30		
For General Municipal Expenses	4,341,958 18		
For New Public Work—			
Sewers—Construction	2,754 02		
Streets—Reconstruction	2,846 29		
Opening Streets—Special Fund	129,137 02		
Sprinkling—City's Portion—Cost of	590 25		
New City Hall and Furnishing	1,136 20		
Fund for Erection of Hospital Buildings	55,935 74		
Police—Erection of Station Houses and Purchase of Lots	27,200 00		
Public Drinking Fountain—Erection of	300 00		
For Courts	650 00		
For Fire Alarm Telegraph—Laying Wire Underground	14,997 65		
For Firemen's Pension Fund	7,310 66		
For Relief Ordinances	8,774 04		
For Retained Percentage on Contracts	23,274 51		
For Special Tax Fund—New Work	9,774 51		
For transfers to other Revenue and Special Funds	13,611 45	$5,947,218	48
From Water Works Revenue—			
For Operating Expenses and Collection of the Revenue	$ 602,715 72		
For Electric Plant	37,500 00		
For Water Pipe and Laying	225,000 00		
For Water Works Extension—New Work	345,000 00		
For Water Works Extension—Salaries and Expenses	30,460 22		
For Water Works Reconstruction	196,000 00		
Costs and Legal Expenses (Chicago Drainage Canal Suit)	27,993 24		
Relief Ordinance	2,500 00		
For transfers to other Revenue Funds	88,048 16	1,555,217	34
From Harbor Fund—			
For General Expenses	$ 59,309 84		
For transfer to Municipal Revenue	160 49	59,470	33
		$8,762,568	48
Total Resources of Revenue Funds		$10,837,160	51
Total appropriations and transfers		8,762,568	48
Unappropriated balances, belonging to the revenue funds		$2,074,592	03

BONDED DEBT.

The gross debt at the beginning of the fiscal year 1900–1901—including the $189,315.59 advanced out of the Treasury in anticipation of the revenue of the Sinking Fund of the year 1900–1901 was $19,105,593 89. The amount advanced out of the Treasury was written off, leaving the bonded debt, outstanding April 8, 1901, $18,916,278.30.

The annual interest charge on the bonded debt amounts to $778,409.28, or an average of $4.115 per cent interest per annum.

SINKING FUND.

The resources of the Sinking Fund for the fiscal year amounted to $421,590.72. After covering back into the Treasury the $189,315.59 advanced during the year 1899–1900 there remained a balance of $232,275.13 to the credit of the fund at the end of the fiscal year.

During my term of office I strove to impress on the people the fact that the revenue for municipal purposes was inadequate to meet the demands of the city. In my first annual report I called attention to the fact that the city was in no condition to meet the demands for new streets and sewers, the completion of the New City Hall and the much needed additions to the eleemosynary institutions. In the same report attention was also called to the fact that there appeared to be but one way to raise the means for providing for public buildings, and that was, for the city to avail itself of the provisions of the constitution authorizing an increase in the rate of taxation above the limit allowed for general purposes, where such increase is for public purposes. In all my subsequent reports I called attention to the matter of insufficiency of revenue.

In view of the fact that in 1903 the city is to have a World's Fair, public sentiment at last became awakened to the true condition of the city, and through the auspices of the Newspaper Publishers' Association a Public Welfare Committee was formed to frame and submit to the respective legislative bodies, amendments to the constitution and the charter. It is to be regretted that it should have required the prospects of holding a World's Fair to arouse the civic pride of the citizens and get them to inquire into and recognize the needs of the city.

The amendments to the constitution will be submitted to the voters at the November election, 1902. The charter amendments, it is to be hoped, will be submitted at an early day. When submitted, it is to be hoped that the people will go to the polls and carry the amendments which will make it possible to improve the physical condition of the city, that which we so much need.

I think it proper, also, to call attention to my efforts to prevent unwise legislation by the General Assembly affecting the city's finances, which, however, were unsuccessful. Also, to my efforts to have the Boonville Reformatory School for juvenile delinquents supported at the expense of the State. It is simply a branch of the State Penitentiary and should be supported as such out of the State Treasury. I have earnestly striven to get the State to make more liberal appropriations to aid in the support of our Insane Asylum. At one time the State made liberal appropriations, but year after year they grew less, until at last they became very small, and last year, owing to conditions attached, the city received nothing. The State Asylums are built and furnished by the State out of the revenues of the State, to which the city contributes to the extent of nearly one-half. The counties send their indigent insane to the State asylums, paying only $2.50 per week for maintenance per patient sent and cost of necessary clothing and transportation, and in case the institution is not self-sustaining at the rates fixed for maintenance, the State must contribute the amount necessary to cover the deficiency. The State contributed nothing toward the building and furnishing of our Asylum, and now contributes nothing for its support. It would seem to be only fair and just that the State should put the city on the same footing with the counties.

Permit me in closing this my final report, after a service of eight years, to say that the city has had all my time and best efforts to promote the public good and her best interest, and I wish to testify my gratitude to each of my employes for the faithful and intelligent assistance rendered me. I wish also to tender my gratitude and appreciation to one and all the heads of departments and their assistants for their uniform kindness and courtesy in co-operating with me in my earnest efforts to further the welfare of our city.

Respectfully,

ISAAC H. STURGEON, *Comptroller.*

DETAILED STATEMENT.

FINANCIAL TRANSACTIONS FOR THE FISCAL YEAR 1900-1901.

STATEMENT "A"—REVENUE FUNDS.

Resources of, and Appropriations from Revenue Funds during the Fiscal Year from April 10, 1900, to April 8, 1901.

FIRST.

INTEREST AND PUBLIC DEBTS REVENUE.

RESOURCES—			
Unappropriated balance to credit April 10, 1900			$ 956,032 20
Receipts into the Treasury—			
Taxes; For the Year 1900	$ 992,169 92		
Delinquent of prior years	166,660 09	$1,158,830 01	
Miscellaneous—			
Interest on current deposits		92,023 38	
Total receipts into Treasury			1,250,853 39
Total resources			$2,206,885 59
APPROPRIATIONS—			
For warrants drawn against the City Treasury on account of the following, to-wit—			
Remittances on account of interest		$ 778,409 28	
Expenses in connection with bonded debt—			
Commissions and expenses in payment of bonds and interest	$ 628 79		
Miscellaneous expenses	33 54	662 33	$ 779,071 61
For sinking fund purposes, as required by Art. XIV. of the Charter			421,590 72
			$1,200,662 33
Total resources, as above			$2,206,885 59
Total appropriations from, as above			1,200,662 33
Unappropriated balance to credit, April 8, 1901			$1,006,223 26

STATEMENT "A"—CONTINUED.

SECOND.

MUNICIPAL REVENUE.

RESOURCES—

Receipts into the Treasury—		
Taxes: For the year 1899	$3,231,443 62	
Delinquents for prior years	470,991 43	$3,702,435 05
Licenses—		
Bicycles	$ 3,873 69	
Commission Merchants	14,162 01	
Dogs	2,540 99	
Dramshops	1,001,573 05	
InsuranceCompanies and Agents	18,708 00	
Manufacturers	163,408 82	
Merchants	202,449 69	
Peddlers and Hawkers	9,601 07	
Street Railroads, Tax on Cars	20,572 50	
Vehicles	36,159 10	
Auctioneers	2,605 50	
Banks, Brokers and Financial Agents	6,090 14	
Billiards and Ten Pin Alleys	704 55	
Bill Posters	28 80	
Boarding Houses and Hotels	1,883 72	
Engravers	96 45	
Flying Horses	58 20	
Fortune Tellers and Clairvoyants	435 00	
Garbage Removers	614 40	
Intelligence Offices	1,302 75	
Junk Shops	2,630 11	
Lumber Measurers	87 08	
Mercantile Agencies	1,353 00	
Merchandise Brokers	7,915 08	
Ordinaries	2,981 35	
Pawnbrokers	5,220 00	
Photographers	1,065 75	
Railroad Ticket Brokers	756 28	
Real Estate Agents	3,945 73	
Runners	299 20	
Sale Stables	339 00	
Shooting Galleries	66 28	
Stock Yards	146 25	
Theatres and Exhibitions	1,448 63	
Vault Cleaners	195 00	
Weighers	48 38	1,515,365 55

STATEMENT "A"—CONTINUED.

Miscellaneous—			
Boiler and Elevator Inspections			$ 14,144 00
Building Permits			8,987 00
Collections on Franchises—			
Citizen's Ry. Co., Ord. 11,528..	$ 10,000 00		
People's Ry. Co., Ord. 11,956...	5,000 00		
St. Louis R. R. Co., Ord. 12,477	5,000 00		
St. Louis Transfer Ry. Co. Ord. 12,975	1,000 00		
St. Louis Merchants Bridge Terminal Ry. Co., Ord. 14,078	10,000 00		
Southern Electric Ry. Co., Ord. 14,089	12,000 00		
St. Louis Oak Hill and Carondelet Ry. Co., Ord. 14,739.....	1,000 00		
St. Louis, Central and Western Ry. Co., Ord. 15,547	2,000 00		
Lindell Ry. Co., Ords. 15,445 and 19,429	21,000 00		
St. Louis & Suburban Ry. Co., Ord. 15,547	1,000 00		
St. Louis & Suburban Ry. Co. and St. Louis and Meramec River R. R. Co., Ord. 19,350	3,500 00		
Nat'l Subway Co., Ord. 15,953	1,000 00		
Cass Ave. & Fair Grounds Ry. Co., Ord. 16,639	6,691 88		
Union Depot R. R. Co., Ord. 17,021	3,000 00		
Grand Ave. Ry. Co., Ord. 17,047	2,000 00		
Southwestern Ry. Co., Ord. 17,185.	1,000 00		
Jefferson Ave. Ry. Co., Ord. 18,047	4,578 57		
Kingshighway R. R. Co., Ord. 18,048	91 14		
St. Louis & Meramec River R. R. Co., Ord. 18,231	2,000 00		
Telephone Companies	44,259 74		
Electric Light Companies	20,453 50		
Telegraph Companies	13 40		
St. Louis Automatic Refrigerating Co., Ord. 15,800	672 67		157,260 90
Fines, Fees and Commissions—			
Surplus Commissions of Collector		$ 32,307 15	
Clerk Circuit Court (Surplus Fees)		10 58	
Clerk Court Criminal Correction (Surplus Fees)		4,905 25	

STATEMENT "A"—CONTINUED.

Fees, Clerk of Probate Court...	$ 31,378 33		
Fees, Justices of Peace Courts	45,498 76		
Fees and Fines in Police Courts	8,245 50		
Fines and Fees, other sources..	30,818 23	$153,163 80	
Markets—Union	$ 29,408 71		
Soulard	333 00		
Carondelet	23 04	29,764 75	
Recorder of Deeds		39,486 40	
Rents		1,981 79	
Scales—City	$ 4,289 35		
Private	10,131 16	14,420 51	
State's portion cost of assessing the Revenue		36,397 85	
State's appropriation for rent etc., Court of Appeals		2,757 20	
Weights and Measures Inspections		9,760 25	
Incidental Collections.			
Board of Health—			
Permits	$ 989 00		
Board of Patients at Institutions.	7,946 30	8,935 30	
Coroner—Effects of deceased persons		55 00	
Court costs refunded		465 00	
Abstract Fee for Tax Books furnished State Auditor		542 69	
Board of Police Commissioners—			
Sale of condemned horses		378 25	
Fees for certified copies of Ordinances and Records, by Register		63 25	
Insurance—Premiums returned		46 95	
Insurance—Loss by fire		1,938 74	
Interest on Street Opening Special Tax Bills and cost of suits		2,156 49	
Overpayments returned		300 06	
Parks—Sale of grass, wood, boat hire, etc.		2,536 86	
Redemption of property sold in matter of opening streets		104 10	
Sales of condemned and useless property		3,363 89	
Total receipts on accounts of Municipal Revenue			$5,706.811 63
Transfers—			
From other Revenue Funds, for expenses pertaining to said funds, but paid out of appropriations from Municipal Revenue			
From Water Works Revenue		$ 87,748 16	
From Harbor Fund		160 49	

STATEMENT "A"—CONTINUED.

From Boulevards—Special Fund—		
For amount of interest on Boulevard Special Tax Bill		$ 2 81
From Sprinkling Streets—Special Fund—		
For amount differences of special taxes assessed and cost of work	$ 3,163 71	
For amount of interest on Street Sprinkling Special Tax Bill..	6,635 03	9,798 74
From Contracts and other Deposits—		
For expenses for which the deposits were made, paid out of Municipal Revenue	$ 12,850 30	
Charges for plumbing inspections	6,131 00	
Unexpended balance of appropriations	4,312 47	23,293 77
From proceeds sales of Real Estate and Real Estate Notes		103,177 85
From Pay Roll Account—Special Fund—Cancellation of Pay Rolls pursuant to Ordinance No. 18,379		103 55
From House of Refuge Bakery—Amount collected for bread delivered to City Institutions in excess of cost		238 96
From Poor House Bakery—Amount collected for bread delivered to City Institutions in excess of cost		414 58
From Poor House Dairy—Amount collected for milk delivered to City Institutions in excess of cost		359 00
From Witness and Other Fees—Special Fund—Unclaimed Fees remaining in the Treasury more than one year		1,732 25
From Witness and other Fees—Special Fund—Criminal Cases—Fees belonging to the city		1,119 00
From Construction of Engine Houses and Purchase of Lots		26,030 17
From Work House—New Cell Building		5,500 00
From Changing Grade of Broadway		3,400 00
From Municipal Assembly Furnishing		798 63
From Street Improvements		3,366 55
From Water Pipe and Laying—New Work		1,757 99
Total Transfers to Municipal Revenue		$ 269,002 50
Total Resources of Municipal Revenue		$5,975,814 13
DEBIT BALANCE April 10, 1900		$ 121,746 66

STATEMENT "A"—CONTINUED.

APPROPRIATIONS:

FOR GENERAL EXPENSES:

(For warrants drawn against the Treasury out of appropriations for general purposes, viz.:—)

Courts and expenses incident thereto—			
Costs and legal expenses payable from Municipal Revenue	$ 36,802 12		
Courts	244,186 93		
Jury Commissioner	9,436 58		
Jury and Witness Fees	39,744 98		
Law Department	17,444 75		
Marshal's Office	23,637 32	$ 371,252 68	
Coroner and Morgue—			
Coroner	$ 18,124 94		
Morgue	5,907 99	24,032 93	
Departments where the fees of the office pay the expenses—			
Board of Engineers and Boiler Inspector	$ 12,006 88		
Inspector of Weights and Measures	7,880 26		
Recorder of Deeds	47,012 47	66,899 61	
Fire Department and Fire Alarm Telegraph—			
Fire Alarm Telegraph	$ 46,965 51		
Fire Department	665,317 36	712,282 87	
Health Department—			
Board of Health and Commissioner	$ 108,895 87		
City Dispensary	44,823 10		
City Hospital	121,855 20		
Female Hospital	55,012 84		
Insane Asylum	110,058 25		
Poor House	134,926 21		
Quarantine and Small Pox Hospitals	19,241 23		
Reduction of Garbage	65,700 00		
Removal of Garbage	127,200 00	787,712 70	
House of Refuge, Jail and Work-House—			
House of Refuge	$ 73,522 57		
Jail	40,435 08		
Work-House	70,354 75	184,312 40	

STATEMENT "A"—CONTINUED.

Lighting Streets, Alleys, Parks and Public Places		$ 423,185 25
Lighting Public Buildings		91 304 85
Police—		
Salaries of Members of Board, Officers, Patrolmen and Detectives	$ 1,385,538 14	
All other Salaries and Current Expenses	188,211 27	
Patrol Wagon System (Extension and Betterments)	24,409 28	1,598,158 69
Public Buildings—		
City Hall—Salaries and Current Expenses	$ 637 84	
City Hall—Repairs and Alterations	469 57	
New City Hall—Salaries and Current Expenses	20,407 88	
New City Hall—Repairs and Alterations	1,599 59	
Court House—Salaries and Current Expenses	9,265 48	
Court House—Repairs and Alterations	755 15	
Four Courts Building—Salaries and Current Expenses	13,427 43	
Four Courts Building—Repairs and Alterations	2,357 55	48,920 49
Public Improvements—Salaries, Expenses and Repairs—		
Board of Public Improvements—President's Department		43,863 99
Fund for Numbering Houses		1,000 00
Parks—		
Park Commissioner	$ 8,199 68	
Concerts in the Public Parks	5,929 50	
Benton Park	2,491 67	
Carondelet Park	5,676 98	
Carr Square	1,395 21	
Forest Park	40,829 34	
Forest Park Boulevard	298 62	
Fountain Park	591 84	
Gamble Place	1,274 08	
Gravois Park	966 70	
Hyde Park	2,174 27	
Jackson Place	693 02	
Kenrick Garden	199 85	

STATEMENT "A"—CONTINUED.

Laclede Park	$ 1,006 99	
Lyon Park	1,896 84	
O'Fallon Park	5,247 98	
St. Louis Place	3,819 63	
South St. Louis Square	792 15	
Washington Square	2,246 10	
Lafayette Park	7,985 83	
Tower Grove Park	25,000 00	$ 118,716 28
Sewers—Salaries, Current Expenses and Repairs..		100,232 57
Streets—		
Street Commissioner's Department	$ 72,702 16	
Street Bridges and Culverts—Miscellaneous Expenses and Repairs	34,050 88	
Street Cleaning — Floating Dumps	9,112 51	
Street Cleaning — Labor and Carts	56,983 80	
Street Cleaning — Stone and Wood, Block and Asphaltum Pavements	53,812 53	
Street Cleaning—Block System	11,998 50	
Street Grades and Surveys	7,499 63	
Street Repairs — Macadam and other Material	29,942 90	
Street Repairs — Miscellaneous Expenses	69,187 70	
Street Repairs — Reconstructed Streets	37,109 54	
Street Repairs—Salaries	44,763 17	
Streets—Special and Temporary Service	46,235 91	
Opening Streets—Expenses	11,975 89	485,375 12
(Total for Public Improvements—Salaries, Expenses and Repairs, $749,187.96.)		
Departments not classified as above—		
Assessment of Revenue	$ 73,492 44	
Commissioner of Public Buildings	17,083 77	
Commissioner of Supplies	15,258 31	
Factory Inspector	67 74	
License Commissioner	30,128 36	
Milk Inspector	1,014 00	
Municipal Assembly	40,507 25	
Plumbing Inspection Department	10,039 73	
Salaries of Mayor, Comptroller, Auditor, Register and Treasurer	80,228 82	267,820 42

STATEMENT "A"—CONTINUED.

Miscellaneous Expenses—			
Catching and Killing Dogs	$ 6,000 00		
Contingent Fund	31,390 79		
Election and Registration	94,963 63		
Insurance	7,041 66		
Judgments payable from Municipal Revenue	3,453 17		
Making Back Tax Books and Bills	3,500 00		
Markets	6,578 77		
Mayor's Contingent Fund	1,500 00		
Office Expenses for Mayor, Comptroller, Auditor, Register and Treasurer	886 38		
Printing and Stationery for Mayor, Comptroller, Auditor, Register and Treasurer	30,654 98		
Real Estate Account	1,260 93		
Scales	4,920 21		
Scavenger Dumps—Salaries and Current Expenses	6,704 96		
Scavenger Dumps—Construction and Repairs	3,253 15	$ 202,108 63	
Appropriations (warrants drawn) for general purposes			$5,527,179 48
(FOR IMPROVEMENTS AND SPECIAL PURPOSES, VIZ.:)			
NEW PUBLIC WORK:			
Sewer Construction		$ 2,754 02	
Street Reconstruction		2,846 29	$ 5,600 31
SPECIAL PURPOSES:			
Opening Streets—Special Fund—For amounts assessed against the City as benefits to the public generally		$ 129,137 02	
Firemen's Pension Fund		7,310 66	
Retained Percentages on Contracts		23,274 51	
Erection of Hospital Buildings		55,935 74	
Courts		650 00	
Fire Alarm Telegraph—Laying wire underground		14,997 65	
New City Hall—Furnishing, Cleaning and Removing		1,136 20	
Police—Erection of station houses and purchase of lots		27,200 00	
Public Drinking Fountain—Erection of		300 00	
Relief Ordinances		8,774 04	
Special Tax Fund—new work		9,774 51	
Sprinkling Streets—City's portion—Cost of		590 25	279,080 58
Total appropriations for new work and special purposes			$ 284,680 89

STATEMENT "A"—CONTINUED.

TRANSFERS—			
To other revenue funds, for expenses paid out of appropriations from said revenues, chargeable to appropriations made from Municipal Revenue, viz.:—			
Water Works Revenue:			
Police—All other Salaries and Current Expenses		$ 161 42	
Harbor Fund:			
Cleaning Streets — Floating Dumps		734 55	
To Opening Streets—Special Fund—			
For Collector's Commissions on Collections of Special Tax Bills	$ 1,238 53		
For Special Tax Bills Cancelled..	528 44	1,766 97	
To Boulevards—Special Fund—			
For Collector's Commissions on Collections of Special Tax Bills		39	
To Street Sprinkling—Special Fund—			
For Special Tax Bills Cancelled..	$ 4,731 36		
For Collector's Commissions on Collections of Special Tax Bills	6,216 76	10,948 12	
Total Transfers			$ 13,611 45
Debit Balance, April 10, 1900			$ 121,746 66
Appropriations for General Purposes			5,527,179 48
Appropriations for New Work and Special Purposes			284,680 89
Transfers			13,611 45
Total Appropriations and Transfers			$5,947,218 48
Total Resources of Municipal Revenue			$5,975,814 13
Total Appropriations and Transfers			5,847,218 48
Unappropriated balance to credit, April 8, 1901			$ 28,595 65

STATEMENT "A"—CONTINUED.

THIRD.

WATER WORKS REVENUE.

RESOURCES——

Unappropriated balance to credit April 10, 1900			$ 920,864 30
Receipts into the Treasury—			
Water Licenses	$1,599,959 50		
Permits	3,768 00		
Taps	2,002 05		
Connections and Repair	1,439 27	$1,607,168 82	
Miscellaneous—			
Sales of Condemned and Useless Property	$ 13,677 82		
Overpayments returned	14 00	13,691 82	
Total receipts into the Treasury			1,620,860 64
Transfers—			
For expenses paid out of appropriations from Water Works Revenue, chargeable to the following funds or accounts—			
Contract and other deposits		$ 5,924 07	
Sprinkling Streets, Ordinance 14,375, etc		3,019 60	
Municipal Revenue—			
Police—All other Salaries and Current Expenses		161 42	
Erection of Public Drinking Fountain, Ordinance 20,099		68 35	
Pay Roll Account—Special Fund—			
Pay Rolls Cancelled pursuant to Ordinance 18,379		12 87	9,186 31
Total Resources Water Works Revenue			$2,550,911 25

APPROPRIATIONS—

For warrants drawn against the Treasury—			
Operating expenses and cost of collecting the Revenue—			
Assessor and Collector of Water Rates	$ 60,238 40		
Water Works	542,477 32	$ 602,715 72	
Costs and Legal Expenses (Chicago Drainage Canal Suit)		27,993 24	
Water Works Extension—Salaries and Expenses, etc		30,460 22	
Total Appropriation (warrants drawn) for Operating Expenses, etc			$ 661,169 18

STATEMENT "A"—CONTINUED.

For amounts set apart out of Water Works Revenue and appropriated for specific purposes by ordinances—			
Water Pipe (and laying)		$ 225,000 00	
Water Works Extension—New Work		345,000 00	
Water Works Reconstruction		196,000 00	
Electric Plant		37,500 00	
Relief Ordinance		2,500 00	
Total Appropriations			$ 806,000 00
TRANSFER—			
To other Revenue Funds for expenses pertaining to Water Works Revenue, paid out of appropriations made from said funds—			
Municipal Revenue—			
Electric Light, April, 1890, to April, 1901	$ 12,225 13		
Lighting Public Buildings—April, 1890, to April, 1901	71,156 02		
Street Sprinkling, Special Taxes, April, 1888, to April, 1901	3,226 21		
Street Repairs—Reconstructed Streets	1,140 80	$ 87,748 16	
Harbor Fund—			
Harbor Boat		300 00	88,048 16
Total Appropriations and Transfers			$1,555,217 34
Total Resources of Water Works Revenue			$2,550,911 25
Total Appropriations and Transfer			1,555,217 34
Unappropriated balance to credit, April 8, 1901			$ 995,693 91

STATEMENT "A"—CONTINUED.

FOURTH.

HARBOR FUND.

RESOURCES—			
Unappropriated balances to credit, April 10, 1900			$ 41,757 28
Receipts into the Treasury—			
Wharfage and Rents		$ 60,484 71	
Miscellaneous—			
Services rendered the Steamer Eagle by the Harbor Boat		273 00	
Total receipts into Treasury			60,757 71
Transfers—			
From Municipal Revenue for expenses paid out of appropriation made for Harbor Boat but pertaining to appropriation for Street Cleaning—Floating Dumps		$ 734 55	
From Water Works Revenue for expenses paid out for appropriation made for Harbor Boat but pertaining to appropriations made from Water Works Revenue—Water Works	$ 150 00		
Costs and Legal Expenses payable from Water Works Revenue	150 00	300 00	1,034 55
Total Resources of Harbor Fund			$ 103,549 54
APPROPRIATIONS—			
General Expenses—.			
For Warrants drawn against the Treasury—			
For Salaries, Current Expenses and Repairs—			
Cleaning Levee and Removing Obstructions		$ 11,042 44	
Harbor and Wharf—Salaries and Current Expenses		11,831 60	
Harbor Boat		14,459 98	
Repairs, Dikes, Wharfs and River Banks		21,975 82	
Total Warrants drawn against the Treasury			$ 59,309 84
Transfer—			
To Municipal Revenue for expenses pertaining to Harbor Fund but paid out of appropriations made from Municipal Revenue for Lighting Public Buildings			160 49
Total appropriations and transfer			$ 59,470 33
Total Resources of Harbor Fund			$ 103,549 54
Total Appropriations and Transfer			59,470 33
Unappropriated balance to credit, April 8, 1901			$ 44,079 21

STATEMENT "B"—SPECIAL FUNDS AND ACCOUNTS.

SPECIAL FUNDS.

Opening Streets—Special Fund—			
Debit balance, April 10, 1900		$ 127,268 91	
Appropriation to pay damages in matter of opening streets and alleys		412,190 64	$ 539,459 55
By Appropriation from Municipal Revenue		$ 129,137 02	
By Transfers from Municipal Revenue—			
For Collector's Commissions on collections of benefits assessed		1,238 53	
Special Tax Bills cancelled		528 44	
Total from Municipal Revenue		$ 130,903 99	
By receipts into the Treasury—			
Special Tax Bills collected		40,830 01	171,734 00
Debit balance, April 8, 1901			$ 367,725 55
Boulevards—Special Fund—			
Debit balance, April 10, 1900	$ 30,436 17		
Transfer to Municipal Revenue—			
Interest on Special Tax Bills	2 81	$ 30,438 98	
Receipts into the Treasury	$ 9 97		
Transfer from Municipal Revenue for Collector's Commissions on collections for benefits assessed	39	10 36	
Debit balance, April 8, 1901			30,428 62
Changing Street Grades—Special Fund—			
Debit balance (amounts due from property owners) April 10, 1900		$ 311 30	
Debit balance, April 8, 1901			311 30
Redemption of Bonds—			
Debit balance, April 10, 1900		$ 189,315 59	
Transfer from Sinking Fund		189,315 59	
Sprinkling Streets—Special Fund—			
Debit balance, April 10, 1900		$ 41,640 12	
Appropriations for Sprinkling Streets		169,070 29	
Transfer to Municipal Revenue—			
Amount of difference of assessment and cost of work		3,163 71	
Amount of Interest on Street Sprinkling Special Tax Bills		6,635 03	
		$ 220,509 15	

STATEMENT "B"—CONTINUED.

Receipts into the Treasury	$ 153,123 78		
Transfer from Municipal Revenue—			
Special Tax Bills cancelled	4,731 36		
Commissions on Collections retained by Collector	6,216 76	$ 164,071 90	
Debit balance, April 8, 1901			$ 56,437 25
Total debit balances, April 8, 1901			$ 454,902 72
City Treasury Notes—Municipal Currency—Issue of 1873—			
Balance to credit, April 10, 1900		$ 36 00	
Balance to credit, April 8, 1901			$ 36 00
Issue prior to 1870—			
Balance to credit, April 10, 1900		$ 49 25	
Balance to credit, April 8, 1901			49 25
Contracts and other deposits—			
Balance to credit, April 10, 1900	$ 83,070 32		
Receipts into the City Treasury	557,191 93	$ 640,262 25	
Warrants drawn against the Treasury	$ 544,600 79		
Transfers: The expenses to cover which were paid out of the appropriations from Revenue Funds, less amounts erroneously transferred, as follows:			
Municipal Revenue	12,850 30		
Water Works Revenue	5,924 07		
Transfers to Municipal Revenue—			
Cost of Plumbing Inspection	6,131 00		
Unexpended balance of appropriation	4,312 47	573,818 63	
Balance to credit, April 8, 1901			66,443 62
Erection of Hospital Buildings, Ord. 18,411—			
Balance to credit, April 10, 1900	$ 202,405 02		
Appropriation from Municipal Revenue	55,935 74	$ 258,340 76	
Appropriation to Erection New City Hospital, Ord. 20,162		258,000 00	
Balance to credit, April 8, 1901			340 76
Firemen's Pension Fund—			
Appropriation from Municipal Revenue		$ 7,310 66	
Warrants drawn against the Treasury		7,310 66	

STATEMENT "B"—CONTINUED.

Old County Claims—				
Balance to credit, April 10, 1900			$ 2,242 43	
Balance to credit, April 8, 1901				$ 2,242 43
Pay Roll Account—Special Fund—				
Balance to credit, April 10, 1900		$ 202 88		
Receipts into the Treasury		5,768 78	$ 5,971 66	
Warrants drawn against the Treasury		$ 1,942 35		
Transfers for amounts remaining uncalled for more than one year:				
Municipal Revenue	$ 103 55			
Water Works Revenue	12 87	116 42	2,058 77	
Balance to credit, April 8, 1901				3,912 89
House of Refuge Bakery—				
Receipts into the Treasury			$ 11,101 00	
Warrants drawn against the Treasury		$ 10,862 04		
Transfers to Municipal Revenue		238 96	11,101 00	
Poor House Bakery—				
Receipts into the Treasury for bread delivered to City Institutions and for empty flour barrels sold			$ 22,186 47	
Warrants drawn against the Treasury		$ 21,771 89		
Transferred to Municipal Revenue		414 58	22,186 47	
Poor House Dairy—				
Receipts into the Treasury for milk delivered to City Institutions and for live stock sold			$ 595 74	
Warrants drawn against the Treasury		$ 236 74		
Transferred to Municipal Revenue		359 00	595 74	
Proceeds Sales Unclaimed Merchandise—				
Balance to credit, April 10, 1900			$ 6 79	
Balance to credit, April 8, 1901				6 79
Proceeds Sales of Real Estate and Real Estate Notes—				
Receipts into the Treasury			$ 103,177 85	
Transfer to Municipal Revenue			103,177 85	

STATEMENT "B"—CONTINUED.

Public Library—Special Fund—			
Balance to credit, April 10, 1900 ...	$ 3,306 40		
Receipts into the Treasury.....	75,727 18	$ 79,033 58	
Warrants drawn against the Treasury.....		70,919 01	
Balance to credit, April 8, 1901			$ 8,114 57
Redemption of Land Sold for Taxes—			
Balance to credit, April 10, 1900		$ 235 71	
Balance to credit, April 8, 1901.....			235 71
Refunding Licenses and Taxes, 13th Ward—			
Balance to credit, April 10, 1900		$ 83 95	
Balance to credit, April 8, 1901.....			83 95
Refunding Water Pipe Special Taxes—			
Balance to credit, April 10, 1900		$ 862 94	
Balance to credit, April 8, 1901			862 94
Retained Percentages on Contracts—			
Balances to credit of sundry accounts to April 10, 1900.....	$ 76,608 73		
Amount transferred to sundry accounts from Municipal Revenue appropriations, on account of percentages retained from payments on account of work done during the fiscal year.....	23,274 51	$ 99,883 24	
Warrants drawn against the Treasury.....		66,418 45	
Balance to credit of sundry accounts April 8, 1901.....			33,464 79
Sinking Fund—			
Amount transferred from the appropriations to meet the requirements of Art. XIV. of the amended Charter, viz.;			
Amount appropriated.....	$ 1,200,000 00		
Amount required to pay interest...	778,409 28	$ 421,590 72	
Amount transferred to "Redemption of Bonds" and thus applied to the reduction of the bonded debt during the fiscal year.....		189,315 59	
Balance to credit April 8, 1901.....			232,275 13
State University Scholarship Fund—			
Balance to credit, April 10, 1900.....		$ 42 68	
Balance to credit, April 8, 1901.....			42 68
State University Scholarship Income Account—			
Balance to credit, April 10, 1900.....		$ 681 97	
Receipts into the Treasury.....		255 50	
Balance to credit, April 8, 1901.....			937 47

STATEMENT "B"—CONTINUED.

Unclaimed Allowances on Estates—				
Balance to credit, April 10, 1900			$ 58 55	
Receipts into the Treasury			6 00	
Balance to credit, April 8, 1901				$ 64 55
Wharf North. Floating Debt. (For benefits to be returned, having been collected under proceedings of condemnation which were set aside.)—				
Balance to credit, April 10, 1900			$ 32 59	
Balance to credit, April 8, 1901				32 59
Witness and other Fees—Special Fund. (Unclaimed Fees paid into the Treasury by officers of courts.)—				
Balance to credit, April 10, 1900	$ 1,772 45			
Receipts into the Treasury	746 38		$ 2,518 83	
Warrants drawn against Treasury	$ 128 30			
Transfer to Municipal Revenue (Amount remaining unclaimed in the Treasury for over one year)	1,732 25		1,860 55	
Balance to credit, April 8, 1901				658 28
Witness and other Fees—Special Fund—Criminal Cases—				
Balance to credit, April 10, 1900	$ 3,453 75			
Receipts into the Treasury	3,647 19		$ 7,100 94	
Warrants drawn against Treasury	$ 5,678 44			
Transfer to Municipal Revenue. (Fees belonging to the City)	1,119 00		6,797 44	
Balance to credit, April 8, 1901				303 50

SPECIAL ACCOUNTS.

(Accounts for which appropriations are made for special purposes. These special appropriations stand until the object is accomplished, when the unexpended balance is transferred to the fund from which the appropriation was made. Accounts of the various appropriations are condensed according to their general purposes. By the term "appropriation," whenever it occurs, is meant the net amount, after transferring unappropriated balances, set apart for the general purpose out of the revenues of the fiscal year 1900–1901.

Construction of Engine Houses and Purchase of Lots—Sundry Amounts—			
Balance to credit, April 10, 1900		$ 52,000 00	
Transfer to Municipal Revenue		26,030 17	
Balance to credit, April 8, 1901			$ 25,969 83

STATEMENT "B"—CONTINUED.

Courts—			
Balance to credit, April 10, 1900.....	$ 4,796 10		
Appropriation from Municipal Revenue	650 00	$ 5,446 10	
Warrants drawn against Treasury.....		4,796 10	
Balance to credit, April 8, 1901.....			$ 650 00
Damages and Benefits to be returned in matter of Opening Streets, Alleys, etc.—			
Balances to credit, April 10, 1900...	$ 46,159 58		
Appropriations from Opening Streets—Special Fund.....	412,190 64	$ 458,350 22	
Warrants drawn against Treasury.....		39,755 94	
Balances to credit, April 8, 1901.....			418,594 28
Changing grade of Broadway—Ordinance 19,547—			
Credit balance, April 10, 1900.....		$ 3,400 00	
Transfer to Municipal Revenue.....		3,400 00	
Fire Alarm Telegraph—Laying Wires underground and expense incident thereto—			
Credit, April 10, 1900.....	$ 10,886 11		
Appropriation from Municipal Revenue	14,997 65	$ 25,883 76	
Warrants drawn against Treasury.....		25,883 76	
Improvements, Alterations, and Repairs of Public Buildings—			
New City Hall, Ord. 15,558, etc.—			
Balances to credit, April 10, 1900.....		$ 15,691 19	
Warrants Drawn against the Treasury...		11,583 00	
Balance to credit, April 8, 1901.....			4,108 19
New City Hospital, Ord. 20,162—			
Appropriation from Erection of Hospital Fund...		$ 258,000 00	
Warrants drawn against the Treasury.....		4,896 65	
Balance to credit April 8, 1901.....			253,103 35
New City Hall—Furnishing—			
Credit balance, April 10, 1900.....	$ 2,399 72		
Appropriation from Municipal Revenue	1,136 20	$ 3,535 92	
Warrants drawn against the Treasury.....		1,018 56	
Balance to credit, April 8, 1901.....			2,517 36

STATEMENT "B"—CONTINUED.

Jail—Erection of Stables—Ord. 19,986—			
Balance to credit, April 10, 1900		$ 350 00	
Balance to credit, April 8, 1901			$ 350 00
Work House—Cell Building—			
Balance to credit, April 10, 1900		$ 5,500 00	
Transferred to Municipal Revenue		5,500 00	
Municipal Assembly—Furnishing New Quarters—			
Balance to credit, April 10, 1900		$ 6,618 07	
Warrants drawn against the Treasury	$ 5,819 44		
Transferred to Municipal Revenue	798 63	6,618 07	
Police—Erection of Station Houses and Purchase of lots—			
Appropriations from Municipal Revenue		$ 27,200 00	
Warrants drawn against the Treasury		22,823 58	
Balance to credit, April 8, 1901			4,376 42
Public Drinking Fountain—Erection of—			
Appropriation out of Municipal Revenue		$ 300 00	
Warrant drawn against the Treasury	$ 231 65		
Transfer to Water Works Revenue to cover cost of work done by the Water Department	68 35	300 00	
Relief Ordinances—Sundry Accounts—			
Balance to credit, April 10, 1899	$ 3,291 04		
Appropriations from Municipal Revenue	8,774 04		
Appropriation from Water Works Revenue	2,500 00	$ 14,565 08	
Warrants drawn against Treasury		6,629 65	
Balance to credit, April 8, 1901			7,935 43
Sewer Construction—New Work—Sundry Accounts—			
Balance to credit, April 10, 1900	$ 49,644 60		
Appropriation from Municipal Revenue	2,754 02	$ 52,398 62	
Warrants drawn against Treasury		47,153 49	
Balances to credit of sundry accounts, April 8, 1901			5,245 13

STATEMENT "B"—CONTINUED.

Special Tax Fund—New Work. (To pay for improvements abutting property owned by the city.) Sundry accounts—			
Balance to credit, April 10, 1900.....	$ 332 00		
Appropriations from Municipal Revenue	9,774 51	$ 10,106 51	
Warrants drawn against the Treasury		1,090 18	
Balance to credit, April 8, 1901.....			$ 9,016 33
Sprinkling Streets—			
Appropriation from Street Sprinkling—Special Fund.....	$ 169,070 29		
Appropriation from Municipal Revenue	590 25	$ 169,660 54	
Warrants drawn against Treasury..	$ 166,640 94		
Transferred to Water Works Revenue to cover cost of repairing fire plugs.....	3,019 60	169,660 54	
Street Bridges and Culverts—New Work—Sundry Accounts—			
Balances to credit of Sundry Accounts, April 10, 1900.....		$ 1,375 73	
Balances to credit of Sundry Accounts, April 8, 1901.....			1,375 73
Street Improvements—New Work—Sundry Accounts—			
Balances to credit of Sundry Accounts, April 10, 1900.....	$ 27,278 61		
Contributions by property owners, paid into the Treasury.....	266 00	$ 27,544 61	
Warrants drawn against Treasury..	$ 13,560 10		
Transfer to Municipal Revenue.....	3,366 55	16,926 65	
Balances to credit of Sundry Accounts, April 8, 1901.....			10,617 96
Street Reconstruction—New Work—Sundry Accounts—			
Balance to credit, April 10, 1900.....	$ 74 00		
Appropriation from Municipal Revenue	2,846 29	$ 2,920 29	
Warrants drawn against Treasury..		625 29	
Credit balance, April 8, 1901			2,295 00

STATEMENT "B"—CONTINUED.

Water Pipe and Laying—New Work—			
Balances to credit of Sundry Accounts, April 10, 1900	$ 599,012 98		
Appropriations from Water Works Revenue	225,000 00	$ 824,012 98	
Warrants drawn against Treasury	$ 461,578 20		
Transferred to Municipal Revenue for work paid out of appropriations from that fund	1,757 99	463,336 19	
Balances to credit of sundry accounts, April 8, 1901			$ 360,676 79
Water Works Extensions—New Work—			
Balances to credit of sundry accounts, April 10, 1900	$ 633,573 79		
Appropriations from Water Works Revenue	345,000 00	$ 978,573 79	
Warrants drawn against Treasury		302,947 01	
Bclances to credit, April 8, 1901			675,626 78
Water Works Reconstruction—Sundry Accounts—			
Balance to credit. April 10, 1900	$ 356,582 88		
Appropriations from Water Works Revenue	196,000 00	$ 552,582 88	
Warrants drawn against the Treasury		59,114 25	
Balance to credit, April 8, 1901			493,468 63
Water Works Electric Plant—Ordinance 20,207—			
Appropriations from Water Works Revenue		$ 37,500	
Balance to credit, April 8, 1901			37,500 00
Warrant Account—			
Balance to credit, April 10, 1900	$ 179,667 32		
Warrants drawn against Treasury	8,932,746 57	$ 9,112,413 89	
Warrants paid by the Treasurer		8,953,106 58	
Balance to credit, April 8, 1900			159,307 31
Total credit balances of Special Funds and Accounts, April 8, 1901			$2,822,842 42

STATEMENT "C" TRANSACTIONS THROUGH THE TREASURY.

Receipts into, Disbursements from, and Balance in the City Treasury at Close of Fiscal Year 1900-1901, and Balances to Credit of the Revenue and Special Funds and Accounts, April 8, 1901.

COMPILED FROM STATEMENTS "A" AND "B."

FIRST.

RECEIPTS.

Receipts on account of Revenue Funds. (For details see Statement "A,')—		
Interest and Public Debt Revenue	$1,250,853 39	
Municipal Revenue	5,706,811 63	
Water Works Revenue	1,620,860 64	
Harbor Fund	60,757 71	$8,639,283 37
Receipts on account of Special Funds and Accounts: (See Statement "B")—		
Opening Streets—Special Fund	$ 40,830 01	
Boulevards—Special Fund	9 97	
Street Sprinkling—Special Fund	153,123 78	
Contract and other Deposits	557,191 93	
Pay Roll Account—Special Fund	5,768 78	
House of Refuge Bakery	11,101 00	
Poor House Bakery	22,186 47	
Poor House Dairy	595 74	
Proceeds Sales of Real Estate and Real Estate Notes	103,177 85	
Public Library—Special Fund	75,727 18	
State University—Scholarship Income Account	255 50	
Unclaimed Allowances on Estates	6 00	
Witness and Other Fees—Special Fund	746 38	
Witness and Other Fees—Special Fund (Criminal Causes)	3,647 19	
Street Improvements	266 00	974,633 78
Total Receipts during the fiscal year		$9,613,917 15
Balance in Treasury, April 10, 1900		3,781,721 16
Total Receipts into the Treasury during the fiscal year, and balance in Treasury, April 10, 1900		$13,395,638 31

STATEMENT "C"—CONTINUED.

SECOND.

DISBURSEMENTS.

Warrants drawn against the Treasury chargeable to the general appropriations from the Revenue Funds. (For details see Statement "A")—			
Interest and Public Debt Revenue		$ 779,071 61	
Municipal Revenue		5,527,179 48	
Water Works Revenue		661,169 18	
Harbor Fund		59,309 84	$7,026,730 11
Warrants drawn against the Treasury chargeable to Special Funds and Accounts. (See Statement "B")—			
Contract and other Deposits		$ 544,600 79	
Firemen's Pension Fund		7,310 66	
Pay Roll Account		1,942 35	
House of Refuge Bakery		10,862 04	
Poor House Bakery		21,771 89	
Poor House Dairy		236 74	
Public Library		70,919 01	
Retained Percentages on Contracts		66,418 45	
Witness and other Fees—Special Fund		128 30	
Witness and other Fees—Special Fund—Criminal Cases		5,678 44	
Damages due and Benefits to be returned in the matter of Opening Streets, Alleys, etc		39,755 94	
Courts		4,796 10	
Fire Alarm Telegraph Laying Wires Underground		25,883 76	
Municipal Assembly—Furnishing		5,819 44	
Police—Erection of Station House		22,823 58	
Public Drinking Fountains		231 65	
Improvements, Alterations and Repairs of Public Buildings—			
New City Hall—Erection	$ 11,583 00		
New City Hall—Furnishing, Cleaning and Removing	1,018 56		
New City Hospital	4,896 65	17,498 21	
Relief Ordinances—			
The Iron Mountain Co., Ord. 20,206	$ 6,000 00		
Wm. Luke, Ord. 20,322	370 00		
Nic. Karr, Ord. 20,385	259 65	6,629 65	

STATEMENT "C"—CONTINUED.

Sewer Construction—New Work	$ 47,153 49	
Special Tax Fund—New Work	1,090 18	
Sprinkling Streets	166,640 94	
Street Improvements	13,560 10	
Street Reconstruction	625 29	
Water Pipe and Laying	461,578 20	
Water Works Extension—New Work	302,947 01	
Water Works Reconstruction	59,114 25	$1,906,016 46
Total warrants drawn during fiscal year 1900-1901		$8,932,746 57
Unpaid Auditor's warrants on hand April 10, 1900		179,667 32
		$9,112,413 89
Unpaid Auditor's warrants on hand April 8, 1901		159,307 31
Disbursements out of Treasury during fiscal year 1900-1901		$8,953,106 58
Total receipts into the Treasury during fiscal year 1900-1901, and balance in the Treasury at the commencement of fiscal year, as shown above		$13,395,638 31
Total Disbursements out of the Treasury during fiscal year		8,953,106 58
Balance in Treasury April 8, 1901		$4,442,531 73

THIRD.

CONDITION OF THE TREASURY.

Balance in the Treasury, April 8, 1901		$ 4,442,531 73
Amount debit balance "Opening Streets—Special Fund," being the uncollected special tax bills for benefits assessed. The balances to the credit of appropriations to pay damages are included in statement below. (See Statement "B," "Opening Street—Special Fund")	$ 367,725 55	
Amount debit balance "Boulevard Special Fund," being the amount uncollected, special tax bills. (See Statement "B," "Boulevards — Special Fund")	30,428 62	
Amount debit balance "Changing Street Grades—Special Fund," being amount of unsatisfied judgments for benefits assessed in matter of changing grades of streets	311 30	
Amount debit balance "Street Sprinkling—Special Fund," being the amount of uncollected special tax bills. (See Statement "B," "Street Sprinkling—Special Fund")	56,437 25	454,902 72
Total Resources of the Treasury		$4,897,434 45

STATEMENT "C"—CONTINUED.

Belonging to the following Revenue and Special Funds and Accounts, viz.:			
Revenue Funds. Unappropriated balances to credit of April 8, 1901—			
Interest and Public Debt Revenue		$1,006,223 26	
Municipal Revenue		28,595 65	
Water Works Revenue		995,693 91	
Harbor Fund		44,079 21	$2,074,592 03
Special Funds. (See Statement "B")—			
City Treasury Notes (Municipal Currency)—			
Issue of 1873	$36 00		
Issue prior to 1870	49 25	$ 85 25	
Contracts and other Deposits		66,443 62	
Erection of Hospital Buildings, Ord. 18,411		340 76	
Old County Claims		2,242 43	
Pay Roll Account—Special Fund		3,912 89	
Proceeds Sales of Unclaimed Merchandise		6 79	
Public Library—Special Fund		8,114 57	
Redemption of Lands sold for Taxes		235 71	
Refunding of Licenses and Taxes, 13th Ward		83 95	
Refunding Water Pipe—Special Taxes		862 94	
Retained Percentages on Contracts		33,464 79	
Sinking Fund		232,275 13	
State University Scholarship Fund		42 68	
State University Scholarship Income Account		937 47	
Unclaimed Allowances on Estates		64 55	
Wharf North—Floating Debt		32 59	
Witness and other Fees—Special Fund		658 28	
Witness and other Fees—Special Fund—Criminal Cases		303 50	350,107 90
Special Accounts. Unexpended Balances of Appropriations, April 8, 1901. (See Statement "B")—			
Construction of Engine Houses and Purchase of Lots		$ 25,969 83	
Courts		650 00	
Damages due and benefits to be returned in matter of Opening Streets, Alleys, etc. (Sundry Accounts)		418,594 28	
Improvements, Alterations and Repairs of Public Buildings—			
New City Hall, Ord. 15,558, etc.		4,108 19	
New City Hospital—Erection of		253,103 35	
New City Hall—Furnishing		2,517 36	

STATEMENT "C"—CONTINUED.

Improvements, Alterations and Repairs of House of Refuge, Jail and Work House—		
Jail—Erection of Stable	$ 350 00	
Police—Erection of Station Houses and Purchase of Lots	4,376 42	
Relief Ordinances	7,935 43	
Sewers—Construction (Sundry Account)	5,245 13	
Special Tax Fund—New Work	9,016 33	
Street Bridges and Culverts (Sundry Accounts)	1,375 73	
Street Improvements—New Work	10,617 96	
Street Reconstruction	2,295 00	
Water Pipe and Laying (Sundry Accounts)	360,676 79	
Water Works Extension (Sundry Accounts)	675,626 78	
Water Works Reconstruction	493,468 63	
Water Works—Erection of Electric Plant	37,500 00	$2,313,427 21
		$4,738,127 14
Unpaid Auditor's Warrants on hand, April 8, 1901		159,307 31
Total of Unappropriated Surplus and Amounts standing to the credit of Special Funds and Accounts, April 8, 1901		$4,897,434 45

ESTIMATES FOR THE FISCAL YEAR 1901-1902.

STATEMENT "D"—REVENUE FUNDS.

Estimated Resources of the Various Revenue Funds, and Estimated Requirements of the Various Departments of the City Government for the Fiscal Year from April 9, 1901, to April 7, 1902.

FIRST.

INTEREST AND PUBLIC DEBT REVENUE.

(*For interest and valid indebtedness existing prior to Constitution and Charter.*)

AMOUNTS AVAILABLE FOR APPROPRIATIONS:		
Unappropriated balance to credit, April 9, 1901		$1,006,223 26
Revenue—		
Taxes 1901—		
$\frac{25}{100}$ of 1 per cent on $368,019,160 assessed value of real and personal property (excepting steamboats), less 12½ per cent delinquency	$ 805,041 91	
Railroad, Bridge, Telegraph, Express and Street Railroad Taxes 1901, on assessment by the State Board of Equalization	69,000 00	
Delinquent Taxes	165,000 00	
Interest on Current Deposits	75,000 00	1,114,041 91
		$2,120,265 17
AMOUNT OF APPROPRIATIONS REQUIRED:		
Appropriation to meet the requirements of Art. XIV of the amended City Charter, for payment of interest on and reduction of the bonded debt	$1,200,000 00	
Appropriation required for miscellaneous expenditures in connection with the bonded debt, chargeable to Interest and Public Debt Revenue	10,000 00	1,210,000 00
Excess of estimated resources over estimated requirements		$910,265 17

STATEMENT "D"—CONTINUED.

SECOND.

MUNICIPAL REVENUE.

(*For General Municipal Purposes.*)

AMOUNTS AVAILABLE FOR APPROPRIATIONS:

Unappropriated balance to credit, April 9, 1901			$ 28,595 65
Revenue—			
Taxes 1901—			
$\frac{99}{100}$ of 1 per cent on $368,019,160, assessed value of real and personal property (excepting steamboats), less 12½ per cent delinquencies	$3,091,360 94		
$\frac{1}{10}$ of 1 per cent on $358,400, estimated assessed value of steamboat property	358 40		
Railroad, Bridge, Telegraph, Express and Street Railroad Taxes for 1901, assessed by the State Board of Equalization	225,000 00	$3,316,719 34	
Delinquent Taxes		450,000 00	
Tax on Foreign Insurance Companies		41,897 31	3,808,616 65
Licenses—			
Bicyles		$ 10,000 00	
Commission Merchants		15,000 00	
Dog		5,000 00	
Dramshop		1,000,000 00	
Insurance Companies and Agents		20,000 00	
Manufacturers		175,000 00	
Merchants		250,000 00	
Peddlers and Hawkers		10,000 00	
Street Railways		20,000 00	
Vehicle		75,000 00	
All other licenses		50,000 00	1,630,000 00
Boiler and Elevator Inspections			14,000 00
Building Permits			10,000 00

STATEMENT "D"—CONTINUED.

Collections on Franchises—		
Citizens' Railway Co., Ordinance 11,528	$ 10,000 00	
People's Railway Co., Ordinance 11,956	5,000 00	
St. Louis Railroad Co., Ordinances 12,477 and 14,182	5,000 00	
St. Louis Transfer Railway Co., Ordinance 12,975	1,000 00	
Merchants' Bridge Terminal Railway Co., Ordinance 14,078	5,000 00	
Southern Railway Co., Ordinances 14,089 and 17,693	12,000 00	
St. Louis, Oak Hill and Carondelet Railroad, Ordinance 14,739	1,000 00	
Lindell Railway Co., Ordinance 19,429	28,000 00	
St. Louis Central and Western Railway Co., Ordinance 15,547	2,000 00	
St. Louis and Suburban Railway Co., Ordinance 19,393	1,000 00	
St. Louis and Suburban Railway Co. and St. Louis and Meramec River R. R. Co., Ordinance 19,350	3,500 00	
National Subway Co., Ordinance 15,953	1,000 00	
Cass Avenue and Fair Grounds Railway Co., Ordinance 16,639	8,500 00	
Union Depot Railroad Co., Ordinance 17,021	3,000 00	
Grand Avenue Railway Co., Ordinance 17,047	2,000 00	
Southwestern Railroad Co., Ordinance 17,185	1,000 00	
Jefferson Avenue Railroad Co., Ordinance 18,047	4,500 00	
Kingshighway R. R. Co., Ordinance 18,048	100 00	
St. Louis and Meramec River Railroad Co., Ordinance 18,321	2,000 00	
Telephone Companies	35,000 00	
Electric Light Companies	50,000 00	
Telegraph Companies	500 00	
St. Louis Automatic Refrigerator Co	650 00	$ 181,750 00
Fines, Fees and Commissions		160,000 00
Markets		29,000 00
Recorder of Deeds		41,000 00
Rents		6,000 00
Scales		10,000 00
State's portion cost of assessing the Revenue		36,500 00
State's appropriation for rent, lighting and heating St. Louis Court of Appeals		1,750 00
Weights and Measures, Inspections		10,000 00
All other sources		20,000 00
Total available for appropriations		$5,987,212 30

STATEMENT "D"—CONTINUED.

Amounts required to meet the following obligations—			
Hospital Fund, Ordinance 18,411	$ 58,248 43		
Police (Requisition of Board of Police Commissioners)	1,637,022 79	$1,695,271	22
AMOUNTS OF APPROPRIATIONS REQUIRED:			
For General Expenses—			
Courts and Expenses incident thereto—			
Costs and legal expenses	$ 36,000 00		
Courts	251,255 40		
Jury Commissioner	20,802 00		
Jury and witness fees	40,000 00		
Law Department	17,500 00		
Marshal's Office	23,800 00	$ 389,357	40
Coroner and Morgue—			
Coroner	$ 18,489 60		
Morgue	5,575 00	24,064	60
Departments where fees of the office pay the expenses—			
Board of Engineers and Boiler Inspector	$ 11,579 15		
Inspector of Weights and Measures	7,900 00		
Recorder of Deeds	49,610 70	69,089	85
Fire Department and Fire Alarm Telegraph—			
Fire Alarm Telegraph	$ 58,930 00		
Fire Department	719,135 74		
Fire Department—Pension Fund	7,576 83	785,642	57
Health Department—			
Board of Health and Commissioner	$ 108,169 12		
City Dispensary	47,678 85		
City Hospital	123,639 63		
Female Hospital	56,550 20		
Insane Asylum	108,101 23		
Poor House	139,382 67		
Quarantine and Small Pox Hospital	21,871 22		
Removal of Garbage	127,200 00		
Reduction of Garbage	65,700 00	798,292	92
House of Refuge, Jail and Work House—			
House of Refuge	$ 63,667 05		
Jail	41,480 00		
Work House	70,192 45	175,339	50
Lighting Streets, Alleys, Parks and Public Places		565,004	06
Lighting Public Buildings		124,700	00

STATEMENT "D"—CONTINUED.

Public Buildings—		
City Hall—Salaries and current expenses	$ 650 00	
City Hall—Repairs and alterations	800 00	
New City Hall—Salaries and current expenses	25,678 29	
New City Hall—Repairs and alterations	2,541 40	
Court House—Salaries and current expenses	9,390 00	
Court House—Repairs and alterations	1,629 95	
Four Courts—Salaries and current expenses	13,060 00	
Four Courts—Repairs and alterations	1,500 00	$ 55,249 64
Public Improvements—Salaries, Expenses and Repairs—		
Board of Public Improvements—President's Department		53,438 88
Fund for Numbering Houses		1,920 00
Parks—		
Park Commissioner	$ 8,124 90	
Benton Park	3,000 00	
Carondelet Park, New Limits	5,700 00	
Carr Square	1,500 00	
Forest Park	45,000 00	
Forest Park Boulevard	300 00	
Fountain Park	500 00	
Gamble Place	700 00	
Gravois Park	1,000 00	
Hyde Park	2,500 00	
Jackson Place	750 00	
Kenrick Garden	300 00	
Laclede Park	900 00	
Lyon Park	1,500 00	
O'Fallon Park	6,000 00	
St. Louis Place	4,250 00	
South St. Louis Place	800 00	
Washington Square	2,150 00	
Concerts in Public Parks	6,000 00	
	$ 90,974 90	
Lafayette Park	8,000 00	
Tower Grove Park	25,000 00	123,974 90
Sewers—Salaries, Current Expenses and Repairs		109,100 00

STATEMENT "D"—CONTINUED.

Streets—			
Street Commissioner's Department	$ 57,450 00		
Street Bridges and Culverts	39,000 00		
Street Cleaning—Floating Dumps	11,500 00		
Street Cleaning—Labor and Carts	115,000 00		
Street Cleaning—Block System	30,000 00		
Street Cleaning—Stone and Wood Blocks and Asphaltum Pavements	100,000 00		
Street Grades and Surveys	10,000 00		
Street Repairs—Macadam and other Material	121,767 67		
Street Repairs—Miscellaneous Expenses	85,000 00		
Street Repairs—Reconstructed Streets	46,061 44		
Street Repairs—Salaries	53,600 00		
Streets—Special Temporary Service	50,000 00		
Sprinkling Streets—Ordinance 14,911	2,500 00		
Opening Streets—Expenses	15,000 00	$	736,879 11
Departments not classified above—			
Assessment of Revenue	$ 72,995 95		
Commissioner of Public Buildings	21,593 10		
Commissioner of Supplies	18,021 00		
Factory Inspection Department	5,440 00		
License Commissioner	31,340 00		
Milk Inspector	2,129 64		
Municipal Assembly	42,640 00		
Plumbing Inspection Department	12,060 00		
Salaries for Mayor, Comptroller, Auditor, Register and Treasurer and employees	81,400 00		287,619 69
Miscellaneous Expenses—			
Catching and Killing Dogs	$ 5,000 00		
Contingent Fund	63,192 38		
Election and Registration	160,844 85		
Insurance	6,500 00		
Judgments	10,000 00		
Making Back Tax Books and Bills	4,402 86		
Markets	6,840 00		
Mayor's Contingent Fund	12,500 00		
Office Expenses for Mayor, Comptroller, Auditor, Register and Treasurer	2,500 00		
Printing and Stationery for Mayor, Comptroller, Auditor, Register and Treasurer	46,000 00		
Real Estate Account	2,500 00		
Scales	5,250 00		
Scavenger Dump—Salaries and Current Expenses	6,900 00		
Scavenger Dump—Construction and Repairs	3,000 00		335,430 09
Total for General Expenses			$4,635,103 21

STATEMENT "D"—CONTINUED.

For Special Purposes—			
To provide for work authorized in the general appropriation bill of last fiscal year, and ordered during the year, but not completed—			
House of Refuge—New Hospital	$ 1,344 64		
Jail—Repairing Drainage System	2,800 00		
Markets — Repairing Gutters and Downspouts	238 00	$ 4,382 64	
For repairs and alterations of buildings, requiring prompt attention, and other special purposes—			
Morgue	$ 1,975 00		
City Hospital	2,300 00		
Female Hospital	7,350 00		
Insane Asylum	7,885 00		
Quarantine and Small Pox Hospitals	2,250 00		
Work House	5,725 00	27,485 00	
For New Buildings—			
Female Hospital	$ 2,800 00		
Quarantine Hospital	1,600 00	4,400 00	$ 36,267 64
NEW PUBLIC WORK:			
Sewers—Construction		$ 291,000 00	
Street—Improvement	50,000 00		
Reconstruction	40,000 00		
Bridges	32,000 00		
Opening—Special Fund	5,000 00	127,000 00	418,000 00
			$454,267 64
Salaries of Deputy Sheriffs and expenses incurred during strike of street railway employees last summer			$102,000 00
RECAPITULATION:			
Amounts to cover overdraft of last fiscal year, hospital fund and police		$ 1,695,271 22	
Amount of estimated requirements for general expenses		4,635,103 21	
Amount of estimated requirements for special purposes and new public work		454,267 64	
For Salaries—Deputy Sheriffs and expenses incurred on account of strike last summer		102,000 00	$6,886,642 07
Amount available for appropriation			5,987,212 30
Deficiency			$ 899,429 77

STATEMENT "D"—CONTINUED.

THIRD.

WATER WORKS REVENUE.

For completing, constructing, operating and repairing Water Works.

AMOUNTS AVAILABLE FOR APPROPRIATION:			
Unappropriated balance to credit, April 9, 1901...		$ 995,693 91	
Revenue—			
Water Rates, Permits, etc.....		1,640,000 00	
Total available for appropriation.....			$2,635,693 91
AMOUNT OF APPROPRIATIONS REQUIRED:			
For operating expenses and cost of collecting the revenue—			
Assessor and Collector of Water Rates	$ 64,285 00		
Water Works	603,000 00	$ 667,285 00	
For Cost and Legal Expenses.....			
For Salaries and Expenses of Water Works Extension.....		45,000 00	712,285 00
Available for Water Pipe (and laying) and for Extension and Reconstruction and other requirements of the Water Works.....			$1,923,408 91

FOURTH.

HARBOR FUND.

(*For repairing and improving the Harbor and Wharf, cleansing levee and removing obstructions, and for Salaries and Expenses of the Harbor and Wharf Department.*)

AMOUNTS AVAILABLE FOR APPROPRIATION:			
Unappropriated balance April 9, 1901.....		$ 44,079 21	
Revenue—			
Wharfage and Rents.....		60,000 00	
Total available for appropriation.....			$ 104,079 21
AMOUNT OF APPROPRIATION REQUIRED:			
For General Expenses—			
Cleaning levee and removing obstructions.....		$ 12,000 00	
Harbor and Wharf—Salaries and Current Expenses		13,660 00	
Harbor Boat		15,600 00	
Repairs Dikes, Wharf and River Bank.....		22,000 00	63,260 00
Excess of Estimated Resources over Estimated Requirements...			$ 40,819 21

BONDED DEBT OF THE CITY OF ST. LOUIS.

APRIL 8, 1901.

(INCLUDING DEBT OF FORMER COUNTY OF ST. LOUIS, ASSUMED BY CITY UNDER THE CHARTER.)

Authority of Issue.	How Payable.	When Issued.	Rate of Interest.	Years to Run.	When Due.	Where Payable.	For What Purpose Issued.	Amount of Outstanding Principal.
					Due 1905.			
Ord. 13279	Gold, $1000 £200	June 1, 1885	4 per ct.	20	June 1, 1905	Nat. Bank Commerce, N. Y. or London	Judgment in favor of St. Louis Gas Light Co	$ 950,000 00
State Act, Feb. 2, '75.	Gold	April 1, 1875	6 per ct.	30	April 1, 1905	National Bank of Commerce, N. Y.	Purchase Forest Park	1,300,000 00
State Act, Mar. 12, '75.	Gold	April 1, 1875	6 per ct.	30	April 1, 1905	National Bank of Commerce, N. Y.	Purchase Carondelet Park	200,000 00
State Act, Mar. 22, '75.	Gold	April 1, 1875	6 per ct.	30	April 1, 1905	National Bank of Commerce, N. Y.	Purchase O'Fallon Park	400,000 00
					Due 1906.			
Ord. 5780.	Currency	April 10, 1866	6 per ct.	40	April 10, 1906	National Bank Republic, New York	Purchase Block 121	245,000 00

				Due 1907.			
Ord. 18922 / Ord. 14046	U. S. Gold or Sterl'g.	June 25, 1887	3.65 pr ct.	20	June 25, 1907	Nat. Bank Commerce, N. Y. or London	Renewal Bonds	$2,844,100 00
				Due 1908.			
Ord. 13932 / Ord. 14046	U. S. Gold or Sterl'g.	April 10, 1888	4 per ct.	20	April 10, 1908	Nat. Bank Commerce, N. Y. or London	Renewal Bonds	1,559,000 00
				Due 1909.			
Ord. 19409 / Ord. 19426	U. S. Gold or Sterl'g	Dec. 1, 1898	3.5 pr. ct.	11	Dec. 1, 1909	Nat. Bank of Commerce, N. Y., or N. B. Scotland, Limited, London.	Renewal Bonds	675,000 00
				Due 1911.			
Ord. 15367 / Ord. 15559 / Ord. 16193 etc.	Sterl'g or U. S. Gold.	Nov. 2, 1891	4 per ct.	20	Nov. 2, 1911	Nat. Bank Scotland, Limited, London or New York.	Renewal Bonds	*2,497,487 80
				Due 1912.			
Ord. 16685	U. S. Gold or Sterl'g.	Nov. 1, 1892	4 per ct.	20	Nov. 1, 1912	Nat. Bank Commerce, N. Y. or London	Renewal Bonds	1,155,000 00
				Due 1913.			
Ord. 17253	Sterl'g or U. S. Gold.	Oct. 2, 1893	4 per ct.	20	Oct. 1, 1913	Nat. Bank Scotland, Limited, London or New York.	Renewal Bonds	†1,250,690 50
				Due 1914.			
Ord. 17445	U. S. Gold or Sterl'g.	June 1, 1894	4 per ct.	20	June 1, 1914	Nat. Bank Commerce, N. Y., N. B. of Scotland, Limited, London.	Renewal Bonds	2,000,000 00
				Due 1915.			
Ord. 18018	U. S. Gold or Sterl'g.	May 1, 1895	3.65 pr ct.	20	May 1, 1915	Nat. Bank of Commerce, N. Y., or N. B. of Scotland, Limited, London.	Renewal Bonds	975,000 00
				Due 1918.			
Ord. 19516	U. S. Gold or Sterl'g.	June 1, 1898	3.5 pr. ct.	20	June 1, 1918	Nat. Bank of Commerce, N. Y., or N. B. of Scotland, Limited, London.	Renewal Bonds	593,000 00

* The amount of this issue is £513,200 Sterling, amounting, at the par of exchange—$4.8665—to $2,497,487.80.

† The amount of this issue is £257,000 Sterling, amounting, at the par of exchange—$4.8665—to $1,250,690.50.

Authority of Issue.	How Payable.	When Issued.	Rate of Interest.	Years to Run.	When Due.	Where Payable.	For What Purpose Issued.	Amount of Outstanding Principal.
					Due 1918.			
Ord. 14347.	U. S. Gold or Sterl'g.	July 1, 1888	4 per ct.	30	July 1, 1918	Nat. Bank Commerce, N. Y. or London	Renewal Bonds	$1,985,000 00
					Due 1919.			
Ord. 15061	U. S. Gold or Sterl'g.	Aug. 1, 1889	3½ pr. ct.	30	Aug. 1, 1919	Nat. Bank Commerce, N. Y. or London	Renewal Bonds	275,000 00
					Due 1920.			
Ord. 15367.	U. S. Gold or Sterl'g.	June 2, 1890	3½ pr. ct.	30	June 2, 1920	Nat. Bank Commerce, N. Y. or London	Renewal Bonds	12,000 00
							Total outstanding	$18,916,278 30

ANNUAL REPORT

OF THE

CITY AUDITOR

For the Fiscal Year ending April 8, 1901.

RECEIPTS.

TREASURER, Dr.

To Balance in Treasury, April 10th, 1900			$3,781,721 16
To Receipts into the Treasury during the fiscal year from the following sources —			
Charles F. Wenneker, Collector of Revenue —			
Current Revenue, 1900		$4,236,198 60	
Back Taxes, 1885 and 1886	$ 2 10		
" " 1888	2 89		
" " 1889	6 66		
" " 1890	19 74		
" " 1891	133 78		
" " 1892	1,223 66		
" " 1893	1,648 06		
" " 1894	3,341 22		
" " 1895	29,282 42		
" " 1896	40,730 43		
" " 1897	74,639 31		
" " 1898	142,016 13		
" " 1899	328,429 60		
" " 1900	51,327 93		
		672,803 93	
Delinquent Personal Taxes, 1891	26 26		
" " " 1892	107 77		
" " " 1893	78 95		
" " " 1894	787 03		
" " " 1895	1,300 08		
" " " 1896	2,028 68		
" " " 1897	2,671 48		
" " " 1898	6,325 68		
" " " 1899	18,006 81		
" " " 1900	2,635 47		
		33,968 21	
Street Sprinkling Special Taxes, 1888	10 31		
" " " " 1889	18 88		
" " " " 1890	26 66		
" " " " 1891	96 88		
" " " " 1892	277 16		
" " " " 1893	279 76		
" " " " 1894	539 46		
" " " " 1895	712 49		
" " " " 1896	1,271 84		
" " " " 1897	2,409 06		
" " " " 1898	7,051 96		
" " " " 1899	11,672 46		
" " " " 1900	128,757 36		
Boulevard Special Taxes	9 97		
		153,133 75	
Street Openings, Special Taxes —			
Alley in Block No. 449	5 41		
" " 820S	89 86		
" " 821N	417 95		
" " 821N No 2	424 22		
" " 1060	4 49		
" " 1257	148 05		
" " 1884	34 66		
" " 1415	84 83		
" " 1450	31 13		
" " 1453	381 87		
" " 1455	200 00		
" " 2054	30 27		

Alley in Block No.	2054	$ 121 98
" "	2063	640 38
" "	2178	131 37
" "	2267	168 29
" "	2269	77 71
" "	2342	144 99
" "	2699	472 49
" "	3307	151 13
" "	3566	71 47
" "	3573	965 49
" "	3600	341 37
" "	3602	505 09
" "	3603	76 29
" "	3607	65 48
" "	3610	127 68
" "	3613	190 46
" "	3690 and 3691	103 13
" "	3711A	46 07
" "	3714	872 45
" "	3717	56 19
" "	3719	6 72
" "	3768E	48 00
" "	3774	38 72
" "	3785	267 63
" "	3786	118 65
" "	3789	62 40
" "	3791	111 79
" "	3792	121 30
" "	3793	4 97
" "	3794	115 32
" "	3795	222 60
" "	3796	413 60
" "	3797	24 00
" "	3799	461 82
" "	3805	343 73
" "	3976	296 40
" "	3982	143 67
" "	4036	21 12
" "	4413	299 04
" "	4436	55 68
" "	4437	101 25
" "	4440	118 79
" "	4441	831 24
" "	4490A	117 79
" "	4490B	5 76
" "	4506	80 44
" "	4513B	24 00
" "	4527	34 86
" "	4530	852 41
" "	4578	72 00
" "	4585	920 03
" "	4592	48 00
" "	4826	41 78
" "	4827	9 60
" "	4895	48 41
" "	4907B	167 34
" "	4913	161 12
" "	4914	267 79
" "	4947	167 52
" "	4953	117 00
" "	5088	200 35
" "	5051A	26 12
" "	5051B	207 95
Ashland Avenue		51 84
Allen Avenue		77 28
Blackstone Avenue		282 39
Baldwin Avenue		30 47
Bleeck Avenue		18 58
Belt Avenue		16 46
Burd Avenue		168 00
Clara Avenue		51 19
Chippewa Street		4 63
" " No. 2		24 62
Cote Brilliante Avenue		109 69
Cora Avenue		456 33
Delmar Avenue		268 13
" " No. 4		3 41
Donovan Avenue		2,352 00
Evans Avenue		18 28
Eleventh Street		10 56
Hickory Street		27 98
" " No. 2		24 38
High Street		2 42
Howard Street		16 80
Iowa Avenue, No. 5		16 80

Kennerly Avenue	$ 261 58	
Klemm Avenue	9 60	
Kingshighway, No. 2	2 19	
" No. 3	265 77	
Labadie Avenue	2 40	
Louisiana Avenue, No. 2	93 09	
Lucky Street, No. 2	230 63	
Magnolia Avenue	52 03	
Main Street	2 40	
Meramec Street, No. 2	98 88	
Minnesota Avenue	334 05	
McPherson Avenue	101 40	
Natural Bridge Road	146 25	
Ninth Street, No. 2	24 86	
Nineteenth Street	8 34	
North Market Street, No. 3	794 21	
Osage Street, No. 2	77 51	
Oregon Avenue	12 00	
Potomac Street	546 00	
Rosalie Street	40 22	
Rutger Street, No. 2	64 80	
Spring Avenue	36 56	
" " No 2	432 34	
" " No. 3	667 84	
Sidney Street	509 06	
Taylor Avenue, No. 2	412 96	
" " No. 4	73 70	
" " No. 6	993 28	
Terry Avenue, No. 2	1,170 00	
Twenty-first Street	1,594 78	
" " No. 2	4,911 43	
Tenth Street	17 55	
" " No. 2	38 11	
Tower Grove Avenue, No. 2	117 60	
Thurman Boulevard	146 25	
Utah Street, No. 2	701 20	
Union Avenue, No. 2	242 69	
Vandeventer Avenue	24 86	
" " No. 2	429 21	
Von Versen Avenue	5,493 21	
Wisconsin Avenue	108 00	
" " No. 2	334 93	
		$40,830 01
Wharfage Bills		60,484 71
Licenses, etc., as follows:		
Auctioneers	2,605 50	
Banks, Brokers and Financial Agents	6,090 14	
Bicycles	3,873 69	
Bill Posters	28 80	
Circuses, Theaters and Exhibitions	1,448 63	
City Hospital Bills	273 20	
City Weighers	48 38	
Commission Merchants	14,162 01	
Dogs	2,540 99	
Dramshops	1,001,573 05	
Engravers	96 45	
Flying Horses	58 20	
Fortune Tellers	435 00	
Garbage Wagons, etc	614 40	
Hotels	1,883 72	
Hotel Runners	299 20	
Insane Account	6,268 39	
Insurance	18,708 00	
Intelligence Offices	1,302 75	
Interest on Special Tax Bills	2,156 49	
Jail Bills	1,800 17	
Junk Shops and Wagons	2,630 11	
Lumber Measurer	87 08	
Manufacturers	163,408 82	
Market Rents — Union	29,408 71	
" " Soulard	333 00	
" " South St. Louis	23 04	
Mercantile Agents	1,353 90	
Merchandise Brokers	7,915 08	
Merchants	202,449 69	
Ordinaries	2,981 35	
Pawn Brokers	5,220 00	
Peddlers and Hawkers	9,601 07	
Photographers	1,065 75	
Pool and Billiards, etc	704 55	
Poor House Bills	1,372 07	
Quarantine Bills	32 64	
Railroad Ticket Brokers	756 28	
Real Estate	3,945 73	
Register's Fees	6,096 80	

Rent Bills	$ 1,981 79		
Sale Stables	339 00		
Shooting Galleries	66 28		
Stock Yards	146 25		
Street Cars	20,572 50		
Vault Cleaners	195 00		
Vehicles	86,159 10		
Weighers' Tickets	10,131 16	$1,575,242 51	
			$6,772,661 72
Theo. Hemmelmann, Jr., Assessor and Collector of Water Rates —			
Water Licenses		1,599,959 50	
Permits		3,768 00	
Taps		2,002 05	
Connections, etc		1,439 27	
			1,607,168 82
William H. Hahn, Recorder of Deeds —			
Fees			39,486 40
Henry Reinstedler, Marshal —			
Fines and Fees collected in the First District Police Court		5,458 50	
Fines and Fees collected in the Second District Police Court		1,611 00	
Fines and Fees collected in the South St. Louis Police Court		640 00	
			7,709 50
John C. Lyons, Inspector of Weights and Measures—			
Fees			9,760 25
William J. Castanie, Inspector of Boilers and Elevators —			
Boiler Inspections		9,020 00	
Elevator Inspections		4,782 00	
Fees		342 00	
			14,144 00
Conrad Kempf, Superintendent of Work House —			
Fines and Costs			447 00
C. F. Longfellow, Commissioner of Public Buildings —			
Fees for building permits			8,987 00
Max. Starkloff, Health Commissioner —			
Poor House Bakery —			
Bread furnished City Institutions		21,688 44	
Poor House Dairy —			
Milk furnished City Institutions		236 74	
			21,925 18
William C. Nolte, Superintendent of House of Refuge —			
House of Refuge Bakery —			
Bread furnished City Institutions			10,808 61
Max Kaufman, Clerk Board of Health and Commissioner —			
Copies of Burial Certificates		930 00	
Copies of Birth Certificates		59 00	
			989 00
Henry Besch, Register —			
Osteopathy, Notarial, Dental and Druggists' Certificates		50 50	
Revised Ordinances		15 75	
Certified Copies of Ordinances, etc		24 00	
Certified Copies of Bonds, Contracts, etc		23 50	
			113 75
John H. Pohlman, late Sheriff —			
Jury and other fees		1,712 11	
Unclaimed Witness Fees		268 35	
			1,980 46
Joseph F. Dickmann, Sheriff —			
Jury and Other Fees			336 00
Henry Troll, Clerk Circuit Court —			
Old and New Jury Fees		5,823 00	
Old and New Judges' Fees		3,054 50	
Stenographers' Fees		4,482 15	
Justice and Constable Fees		503 15	
Fees belonging to others		309 98	
Change of Venue		40 00	
Surplus Fees		10 58	
			14,223 36
Alfred J. Wagenman, Clerk Court of Criminal Correction —			
Prosecuting Attorney's Fees		360 00	
Jail Fees		129 50	
Fines and Costs in City Appeal Cases		151 00	
Unclaimed Witness Fees		121 25	
Surplus Fees		4,905 25	
Jury Fees		24 00	
			5,691 00

C. William Koenig, Clerk Probate Court —		
Jury Fees	$ 216 00	
Unclaimed Witness Fees	12 50	
Fees from Various Estates	31,378 33	
		$ 31,606 83
Patrick J. Regan, Clerk First District Police Court —		
Fees for Transcripts in Appeal Cases		48 00
John H. Speare, Clerk Second District Police Court —		
Fees for Transcripts in Appeal Cases		10 00
Henry E. Haas, Clerk South St. Louis Police Court —		
Fees for Transcripts in Appeal Cases		31 00
First District Justice Court —		
Louis Spies, late Clerk —		
Fees	155 75	
Edwin C. Koenig, Clerk —		
Fees	36 50	
Edward Hunt, Constable —		
Fees	2,411 66	
		2,603 91
Second District Justice Court —		
Mark Hudson, Clerk —		
Fees	97 65	
Philip Wolf, Constable —		
Fees	3,527 36	
		3,625 01
Third District Justice Court —		
John Geekie, Clerk —		
Fees	18 00	
Edward E. Guion, Constable —		
Fees	3 424 78	
		3,442 78
Fourth District Justice Court —		
James Griffin, Clerk —		
Fees	74 30	
Edward J. Morrissey, Constable —		
Fees	4,504 31	
		4,578 61
Fourth District Justice Court, No. 2 —		
William M. Settle, Clerk —		
Fees	41 00	
T. J Conway, Constable —		
Fees	2,270 77	
		2,311 77
Fifth District Justice Court —		
Harry E. Brinton, Clerk —		
Fees	115 00	
Geo. W. Stinebaker, Constable —		
Fees	7,772 54	
		7,887 54
Fifth District Justice Court, No. 2 —		
Paris Wolfe, Clerk —		
Fees	123 50	
Benj. F. Brady, late Constable —		
Fees	1,735 84	
Michael Churchill, Constable —		
Fees	3,658 35	
		5,517 69
Sixth District Justice Court —		
Richard J. Carey, Clerk —		
Fees	110 55	
James P. Miles, Constable —		
Fees	3,882 01	
		3,992 56
Seventh District Justice Court —		
Albert C. Haumueller, Clerk —		
Fees	79 20	
Henry Landwehr, Constable —		
Fees	3,673 83	
		3,753 03
Eighth District Justice Court —		
Michael J. Byron, Clerk —		
Fees	151 55	
Jacob F. Hannman, Constable —		
Fees	3,699 22	
		3,850 77
Ninth District Justice Court —		
James T. Sanders, Clerk —		
Fees	257 45	
Charles E. Mohrstadt, Constable —		
Fees	3,677 64	
		3,935 09

William Schaefer, Weigher North Levee Scales—			
Fees			$ 12 00
John M. Seymour, Weigher South Levee Scales—			
Fees			236 80
Elias Houser, Weigher Bridge Scales—			
Fees			1,591 00
Julia Mack, Weigher City Market Scales—			
Fees			1,766 00
William Wedler, late Weigher Thorp Scales—			
Fees			32 00
George Wedler, Weigher Thorp Scales—			
Fees			22 40
John Ellspermann, Sr., Market Master and Weigher, Soulard Market Scales—			
Fees			444 15
Jacob B. Evans, Market Master and Weigher, South St. Louis Market Scales—			
Fees			185 00
F. L. Ridgely, Park Commissioner—			
Forest Park boating privileges	$	2,205 06	
Carondelet Park boating privileges		37 50	
O'Fallon Park boating privileges		201 00	
			2,443 56
Charles Scudder, Treasurer—			
Amount unpaid on pay-rolls returned to Auditor during fiscal year		5,768 78	
Interest collected by him on City of St. Louis bonds on account of The State University Scholarship Fund		255 50	
			6,024 28
Isaac H. Sturgeon, Comptroller—			
Interest on City Current Deposits at the following banks:			
American Exchange Bank		14,018 91	
Boatmen's Bank		6,068 09	
Continental National Bank		12,495 58	
The Merchants'-Laclede National Bank		12,425 90	
The Third National Bank		13,628 80	
The National Bank of Commerce		7 404 62	
The State National Bank of St. Louis		14,647 61	
The German American Bank		6,587 94	
The Franklin Bank		1,750 93	
			92,023 38
F. C. Meier, Commissioner of Supplies—			
Proceeds Sale of Condemned Property from the following departments:			
Auditor—			
Lamps and Rug		2 00	
Assessor and Collector of Water Rates—			
Wagon and Old Desk		12 75	
City Dispensary—			
Condemned Horses		102 55	
Commissioner of Public Buildings—			
Horses, Buggies, etc		14 50	
City Hospital—			
Folding Bed, Lanterns, etc		12 20	
Election Commissioners' Department—			
Cases and Desk		45 00	
Coroner—			
Unclaimed Property		55 00	
Female Hospital—			
Old Iron, Candles, etc		40 41	
Fire Department—			
Horses, Hose, Bran and Oat Sacks		855 75	
Fire and Police Telegraph Department—			
Horses, Poles, etc		322 31	
House of Refuge Bakery—			
Empty Barrels		292 39	
House of Refuge—			
Condemned Engine and Horse		54 25	
Health Department—			
Ambulance, Barrels, Horses and Demijohns		98 82	
Insane Asylum—			
Old Iron and Candles		88 60	
Inspector of Boilers and Elevators—			
Condemned Horse		8 00	
Jailer—			
Condemned Range		2 50	
Milk Inspector's Department—			
Condemned Desk		3 50	
New City Hall—			
Condemned Stove		1 00	
Park Commissioner—			
Mules		22 00	

Poor House —			
Cows, Rags, Candles, Iron, etc		$ 494 08	
Poor House Bakery —			
Empty Barrels		498 03	
Second District Police Court —			
Condemned Desk		2 00	
Sewer Commissioner's Department —			
Condemned Brick		54 75	
Street Department —			
Beams and Wagon		1,875 07	
Water Commissioner's Department —			
Cinders, Horses, Pipe, Barrels, etc		13,665 07	
Work House —			
Condemned Mules and Horse		118 00	
			$18,241 18
State of Missouri —			
James M. Seibert, State Auditor —			
Witness and other fees, special fund for criminal cases, Voucher No. 4452, Senate Act No. 360, approved April 11, 1899		3,647 19	
Rent of Court of Appeals		2,757 20	
			6,404 89
Payments by Property Owners for Street Improvements and Reconstruction —			
John B. Scheer —			
Excess for Improvement of Iowa Avenue, between Magnolia Avenue and Sidney Street, as authorized by Ordinance No. 20,156, approved August 10, 1900		216 00	
Chas. L. Bechtold —			
Being the amount of the Grading of Alley in City Block No. 2082, as authorized by Ordinance No. 20232, approved February 1, 1901		50 00	
			266 00
Payments by Railroad Companies and Corporations —			
The St. Louis Merchants Bridge Terminal R. R. Co. —			
Annual Payment due January 1st, 1900, under Ordinance No. 14078	$ 5,000 00		
Annual Payment due January 1, 1901, under Ordinance No. 14,078	5,000 00		
		10,000 00	
The Lindell Railroad Co. —			
Semi-annual Payment due January 1, 1900, under Ordinance No. 19,429	7,000 00		
Annual Payment due January 1, 1901, under Ordinance No. 19,429	14,000 00		
		21,000 00	
Union Depot R. R. Co. —			
Semi-annual Payment due January 1, 1900, under Ordinance No. 17,021	2,000 00		
Annual Payment due January 1, 1901, under Ordinance No. 18,049	1,000 00		
		3,000 00	
The Citizen's Railway Co. —			
Semi-annual Payment due July 1, 1900, under Ordinance No. 11,528	5,000 00		
Semi-annual Payment due January 1, 1901, under Ordinance No. 11,528	5,000 00		
		10,000 00	
The St. Louis Railway Co. —			
Semi-annual Payment due July 1, 1900, under Ordinance No. 14,182	2,500 00		
Semi-annual Payment due January 1, 1901, under Ordinance No. 14,182	2,500 00		
		5,000 00	
The People's Railway Co. —			
Semi-annual Payment due July 1, 1900, under Ordinance No. 17,196	2,500 00		
Semi-annual Payment due January 1, 1901, under Ordinance No. 17,196	2,500 00		
		5,000 00	
The Cass Avenue and Fair Grounds R. R Co. —			
Semi-annual Payment due July 1, 1900, under Ordinance No. 16,639	1,969 41		
Semi-annual Payment due January 1, 1901, under Ordinance No. 16,639	4,722 47		
		6,691 88	
The Southern Railway Co. —			
Annual Payment due July 1, 1900, under Ordinance No. 17,185	1,000 00		
Annual Payment due January 1, 1901, under Ordinances Nos. 14,837 and 17,693	12,000 00		
		13,000 00	

St. Louis & Meramec River R. R. Co. —			
Annual Payment due July 1, 1900, under Ordinance No. 19,392	$ 1,000 00		
Annual Payment due January 1, 1901, under Ordinance No. 18,231	1,000 00		
		$ 2,000 00	
St. Louis, Oak Hill & Chrondelet R. R. Co. —			
Annual Payment due March 1, 1901, under Ordinance No. 14,739		1,000 00	
The Kingshighway Railroad Co.—			
Semi-annual Payment of 2½ per cent on gross earnings under Ordinance No. 18,048		91 14	
The Jefferson Avenue R. R. Co.—			
Annual Payment of 3 per cent on gross earnings under Ordinance No. 18,047		4,578 57	
The Grand Avenue R. R. Co. —			
Annual Payment due January 1, 1901, under Ordinance No. 17,047		2,000 00	
The St. Louis & Suburban R. R. Co.—			
Annual Payment due January 1, 1901, under Ordinance No. 19,393		1,000 00	
The St. Louis Transfer Railway Co.—			
Annual Payment due January 1, 1901, under Ordinance No. 12,975		1,000 00	
The St. Louis & Suburban Railway Co. and St. Louis & Meramec River R. R. Co.—			
Annual Payment due January 1, 1901, under Ordinance No. 19,350		3,500 00	
The St. Louis Central & Western R. R. Co.—			
Annual Payment due January 1, 1901, under Ordinance No. 15,447		2,000 00	
			$90,861 59
National Subway Co. of Missouri—			
Annual Payment due February 6, 1901, under Ordinance No. 15,953		500 00	
Semi-annual Payment due August 6, 1900, under Ordinance No. 15,953	500 00	1,000 00	
The Phœnix Light, Heat and Power Co.—			
Semi-annual Payment due December 31, 1899, under Ordinance No. 12,723	391 42		
Semi-annual Payment due June 30, 1900, under Ordinance No. 12,723	377 13		
Semi-annual Payment due December 31, 1900, under Section 1,102, Municipal Code	375 60		
		1,144 15	
St. Louis Refrigerating and Cold Storage Co. —			
Annual Payment of 5 per cent on gross earnings due July 1, 1900, under Ordinance No. 15,800,		672 67	
The Bell Telephone Co. of Missouri —			
Semi-annual Payment of 5 per cent on gross receipts for the six months ending June 30, 1900, under Ordinance No. 12,724	10,316 56		
Semi-annual Payment of 5 per cent on gross receipts for the six months ending December 31, 1900, under Ordinance No. 12,724	10,390 22		
		20,706 78	
Imperial Electric Light, Heat and Power Co. —			
Five per cent of gross receipts during the six months ending June 30, 1900, as required by Ordinance No. 12,723	5,528 10		
Five per cent of gross receipts during the six months ending December 31, 1900, as required under Section 1,102, Municipal Code	7,116 55		
		12,644 65	
Kinloch Telephone Co. —			
Five per cent of the gross receipts for the six months ending July 1, 1899, as required by Ordinance No. 12,721	2,884 33		
Five per cent of the gross receipts for the six months ending December 31, 1899, as required by Ordinance No. 12,724	6,656 29		
Five per cent of the gross receipts for the six months ending July 1, 1900, as required by Ordinance No. 12,724	6,627 60		
Five per cent of the gross receipts for the six months ending December 31, 1900, under Section 1102, Municipal Code	7,384 74		
		23,552 96	
Cupples Station Light, Heat and Power Co. —			
Five per cent on gross receipts due July 1, 1900, under Ordinance No. 12,723	83 77		
Five per cent on gross receipts due January 1, 1901, under Ordinance No. 12,723	31 81		
		115 58	

Missouri Edison Electric Company —		
Semi-annual Payment due June 30, 1900, under Section 1,102, Municipal Code	$ 6,173 03	
The Edison Electric Illuminating Co. of Carondelet —		
Amount of the Three Semi-annual Payments of 5 per cent on gross earnings for six months ending January 1, 1900, July 1, 1900, January 1, 1901, under Section 1,102, Municipal Code	376 09	
Printing Telegraph News Co. —		
Annual Payment due July 1, 1900, for wires crossing streets, etc., under Section 1,141, Municipal Code	18 40	
		$66,399 31
Miscellaneous Payments —		
The Citizens Insurance Co. of Missouri —		
Loss by Fire on Four Courts and Jail Building.	159 48	
Royal Insurance Co. —		
Loss by Fire on Four Courts and Jail Building.	39 86	
The Rochester German Insurance Company of New York —		
Loss by Fire on Four Courts and Jail Building.	39 86	
The Hartford Insurance Co. of Hartford, Conn.—		
Loss by Fire on Four Courts and Jail Building.	74 52	
The Westchester Fire Insurance Co. of New York—		
Loss by Fire on Four Courts and Jail Building.	79 74	
National Fire Insurance Co. of Hartford, Conn.—		
Loss by Fire on Four Courts and Jail Building.	63 79	
British American Assurance Co. —		
Loss by Fire on Four Courts and Jail Building.	39 86	
Phœnix Insurance Co. of New York—		
Loss by Fire on Four Courts and Jail Building.	39 86	
Home Insurance Co. of New York—		
Loss by Fire on Four Courts and Jail Building.	39 86	
Springfield Fire and Marine Insurance Co.—		
Loss by Fire on Four Courts and Jail Building.	39 86	
Lumberman's Insurance Co. Philadelphia, P.—		
Loss by Fire on Four Courts and Jail Building.	34 67	
Commercial Union Insurance Co. of London, Eng.—		
Loss by Fire on Four Courts and Jail Building.	39 86	
The Phœnix Insurance Co. of Hartford, Conn.—		
Loss by Fire on Four Courts and Jail Building.	39 86	
The Phœnix Assurance Co. of London, Eng.—		
Loss by Fire on Four Courts and Jail Building.	39 86	
Royal Exchange Assurance Co. of London, Eng.—		
Loss by Fire on Four Courts and Jail Building.	79 74	
Liverpool and London Globe Insurance Co.—		
Loss by Fire on Four Courts and Jail Building.	159 48	
Manchester Fire Assurance Co.—		
Loss by Fire on Four Courts and Jail Building.	39 86	
Connecticut Fire Insurance Co. of Hartford, Conn.—		
Loss by Fire on Fixtures, etc., in Four Courts Building	69 32	
Orient Insurance Co. of Hartford, Conn.—		
Loss by Fire on Four Courts and Jail Building.	39 86	
Pacific Fire Insurance Co. of New York.—		
Loss by Fire on Four Courts and Jail Building.	39 86	
Williamsburgh City Fire Insurance Co. of New York—		
Loss by Fire on Four Courts and Jail Building.	39 86	
Niagara Insurance Co. of New York.—		
Loss by Fire on Four Courts and Jail Building.	39 86	
Ætna Insurance Co. of Hartford, Conn.—		
Loss by Fire on Four Courts and Jail Building.	39 86	
The Imperial Insurance Co. of London, Eng.—		
Loss by Fire on Four Courts and Jail Building.	223 59	
The Sun Insurance Office of London, Eng.—		
Loss by Fire on Four Courts and Jail Building.	39 86	
German Insurance Co. of Freeport, Ill.—		
Loss by Fire on Four Courts and Jail Building.	55 81	
National Union Fire Insurance Co.—		
Loss by Fire on Four Courts Building, etc.	79 74	
Continental Insurance Co.—		
Loss on Contents of City Hospital by Fire.	14 86	
Agricultural Insurance Co. and Merchants Insurance Co.—		
Loss on Contents of City Hospital by Fire.	52 00	
United Fireman's Insurance Co. of Philadelphia—		
Loss on Contents of City Hospital by Fire.	7 43	
The Concordia Insurance Co. of Milwaukee —		
Loss on Contents of City Hospital by Fire.	7 43	

Niagara Insurance Co. and The Traders' Insurance Co.—		
Loss on Contents of City Hospital by Fire		$ 44 56
The Providence-Washington Insurance Co.—		
Loss on Contents of City Hospital by Fire		14 86
Norwich Union Insurance Co.—		
Loss on Contents of City Hospital by Fire		14 86
Queen Insurance Co. of New York —		
Loss by Fire on Furniture and Fixtures at the House of Refuge		65 10
Carr Brothers, Insurance Agents —		
Unearned Premium on Insurance Policies on Insane Asylum Building. Canceled by order of the Company that issued them		46 95
M. C. Woodruff, Superintendent Quarantine and Smallpox Hospital—		
Amount of error in pay-roll No. 405, April 9, 1900		5 00
Edward Flad, Water Commissioner—		
Amount overpaid on March pay-roll, 1900.		14 00
R. M. Funkhouser, Coroner—		
Amount received for transcripts		45 85
Anton Huebler, Jailer—		
Amount received for Boarding and Keeping Transient Prisoners		15 50
George Gross—		
Amount overpaid him for services rendered at the Insane Asylum		8 40
Charles F. Wenneker, Collector—		
Surplus commissions on Annual Settlements with the Comptroller for the following years:		
1898	$ 10,302 89	
1899	10,768 35	
1900	11,235 91	
		32,307 15
Ellen E. Carroll—		
Amount of redemption of lot in City Block No. 1,832. Sold to City for benefits assessed against Henry Van Studdiford. Bernard Sweeney, lessee in matter of opening Twenty-first Street, Section No. 2,304, Ordinance 19,991, Municipal Code		51 20
Lorenz Schroeder—		
Amount paid twice account of Police, all other salaries, Warrant No. 276		7 35
Sligo Iron Store Co.—		
Amount overpaid on Voucher No. 155		132 01
Isaac H. Sturgeon, Comptroller—		
Proceeds Sale of Real Estate, being purchase money for Lot No. 12, City Block No. 1,714, sold to Frederick W. Schaab, July 29, 1900, under Ordinance No. 20,104	575 00	
Abstract of Tax Books, for year of 1900, furnished State Auditor	542 69	
Proceeds Sale of Real Estate under Ordinance No. 20,281, property sold being property known as Engine House No. 6	102,602 85	
		103,720 54
Gerritzen Bros. & Co.—		
Voucher No. 493, account "Police, all other, Salaries, etc.," paid twice in error		35 00
Board of Police Commissioners—		
Sale of Thirteen Unserviceable Horses	378 25	
Amount Overpaid on Pay Roll for December, 1900	29 03	
Amount Overpaid on Pay Roll for January, 1901.	34 84	
		442 12
Sarah Bray—		
Amount Overpaid on Female Hospital Pay Roll No. 124, August, 1900		4 19
James M. Seibert—		
Amount for One-half the Expenses of the Assessment of Revenue Department from September 1, 1899, to August 31, 1900.		36,397 85
Haydel Realty Co., Agents—		
Redemption of Property sold in matter of opening North Market Street and Twentieth Street, assessed in name of Michael Meade		52 90
C. E. Swingley, Chief of Fire Department—		
Amount Overpaid F. Reimler on Pay Roll No. 337, August, 1900		11 49
Board of Election Commissioners—		
Amount erroneously paid on Warrant No. 56 of September 11, 1900		3 00

Benj. Schnurmacher, City Counselor—			
Attorney's Fees, Tyler Estate vs. City, U. S. Circuit Court	$ 10 00		
Attorney's Fees Collected in case of King vs. City, U. S. Circuit Court	10 00		
Attorney's Fees Collected in case of Joy vs. City, U. S. Circuit Court	10 00		
Returned as Costs in case of Ross, Trustee, vs. City	435 00		
Refunded by Circuit Clerk, Henry Troll, having previously been paid on Voucher No. 121, "Costs and Legal Expenses"	3 50		
		$ 468 50	
Charles Ost—			
Amount having been previously received on Voucher No. 135, Commissioner Public Buildings		2 00	
Henry Troll, Clerk Circuit Court—			
Amount overpaid on Jury Warrant No. 6,582	1 50		
Amount overpaid on Jury Warrant No. 6,553	1 50		
Amount overpaid on Jury Warrants Nos. 7,313, 7,315, 7,316, 7,336, 7,340 and 7,985	9 00		
Carroll & Powell, Account Harbor Fund—		12 00	
Amount for services rendered for Pumping Steamer Eagle		273 00	
Lillian Good—			
Amount overpaid for services rendered the Poor House, October, 1900		$ 2 71	
Georgia Porter—			
Amount overpaid for services rendered the Poor House, October, 1900		4 03	
William H. Hahn, Recorder of Deeds—			
Amount refunded by him for amount of Voucher No. 25, Real Estate Acct., dated December 11, 1900; said amount having been erroneously paid by Voucher No. 22, Real Estate Account, November 13, 1900		2 50	
Henry Landwehr, Constable Seventh District—			
Amount of fees belonging to others for the year ending December 31, 1900		34 30	
Kate Roach—			
Amount overpaid her for services rendered at the Female Hospital, January, 1901		87	
Rassieur & Rassieur, by order of Probate Court—			
Witness Fees, Unclaimed Allowances on Estate, in matter of Estate of George Buente, deceased, for use of Louis Hill; paid in under Section 237, Revised Statutes, 1899		6 00	
Fred Ahrens—			
Amount of Auditor's Warrant No. 90, having been paid before included in Warrant No. 91, account "Inspector Boilers and Elevators"		5 00	
Maggie Finnegan—			
Amount overpaid her for services rendered the Female Hospital, February, 1900		2 14	
C. D. Greene, Jr., Clerk, Board of Improvements, Lafayette Park—			
Amount of Boat Hire for year ending April 8, 1901		93 30	
			$176,145 59
Contract and other Deposits—			
Sundry Special Amounts made during fiscal year			557,191 93
Total Cash Receipts for fiscal year ending April 8, 1901			9,613,917 15
Balance in Treasury, April 10, 1900			3,781,721 16
Total			$13,395,638 31

EXPENDITURES.

TREASURER, CR.

By Warrants Drawn during the Fiscal Year against the following Accounts:

Assessment of Revenue				$ 73,492 44
Assessor and Collector of Water Rates				60,238 40
Board of Engineers and Boiler Inspector				12,006 88
Board of Health and Commissioner				108 895 87
Board of Public Improvements, President's Department				43,863 99
Catching and Killing Dogs				6,000 00
City Dispensary				44,823 10
City Hall Repairs and Alterations				469 57
City Hall Salaries and Current Expenses				637 84
City Hospital				121,855 20
Cleaning Levee and Removing Obstructions				11,042 44
Commissioner of Public Buildings				17,083 77
Commissioner of Supplies				15,258 31
Contingent Fund				31,390 79
Contract and Other Deposits				544,600 79
Coroner				18,124 94
Cost and Legal Expenses				36,807 12
Court House Repairs and Alterations				755 15
Court House Salaries and Current Expenses				9,265 48
Courts				248,983 08
Election and Registration				94,963 63
Erection of Public Drinking Fountains, Ordinance No. 20,099				231 65
Erection of New City Hall, Ordinance No. 15,558, etc.				11,583 00
Erection of New City Hospital, Ordinance No. 20,162				4,896 65
Factory Inspection Department				67 74
Female Hospital				55,012 84
Fire Alarm Telegraph				72,849 27
Fire Department				665,317 36
Firemen's Pension Fund				7,310 66
Four Courts Building, Repairs and Alterations				2,357 55
Four Courts Building, Salaries and Current Expenses				13,427 43
Fund for Numbering Houses				1,000 00
Harbor and Wharf Salaries and Current Expenses				11,831 60
Harbor Boat				14,459 98
House of Refuge				73,522 57
House of Refuge Bakery				10,862 04
Insane Asylum				110,058 25
Inspector of Weights and Measures				7,880 26
Insurance				7,041 66
Interest Account				779,071 61
Jail				40,435 08
Judgments				3,453 17
Jury and Witness Fees				39,744 98
Jury Commissioner				9,436 58
Law Department				17,444 75
License Commissioner				30,128 36
Lighting Public Buildings				91,304 85
Lighting Streets, Alleys, Parks and Public Places				423,185 25
Making Back Tax Books and Bills				3,500 00
Markets				6,578 77
Marshal's Office				23,637 32
Mayor's Contingent Fund				1,500 00
Milk Inspector				1,014 00
Morgue				5,907 99
Municipal Assembly				46,326 69
Music in Public Parks				5,959 50
New City Hall Furnishing				1,018 56
New City Hall Repairs and Alterations				1,599 59
New City Hall Salaries and Current Expenses				20,407 88
Office Expenses for Mayor, Comptroller, Auditor, Register and Treasurer				886 38
Opening Streets Expenses				11,975 89
" Delaware Street		Ordinance No.	10,165	86 80
" Alley in Block 3751		"	13,051	9 90
" " " 3307		"	16,046	100 00
" " " 3769		"	17,371	30 00
" Louisiana Avenue		"	17,921	900 00
" Alley in Block 2269		"	18,219	20 60
" " " 3785		"	18,360	255 35
" " " 3786		"	18,361	123 15
" Wisconsin Avenue		"	18,473	127 70
" North Market Street		"	18,490	761 50
Opening Alley in Block 3791		Ordinance No.	18,590	75 00
" " " 3789		"	18,589	25 00
Widening Ashland Avenue		"	19,597	139 00

Opening Alley in Block 4576	Ordinance No.	18,693	$ 75 00
" Cora Avenue	"	18,809	500 00
" Alley in Block 2342	"	18,851	327 50
" Belt Avenue	"	18,907	1 00
" Alley in Block 2952	"	19,146	9 00
" " " 3792	"	19,369	105 25
" " " 4413	"	19,372	237 50
" " " 4913	"	19,373	150 00
" " " 3797	"	19,414	25 00
" " " 3794	"	19,529	119 60
" " " 3796	"	19,588	161 05
" " " 4914	"	19,581	218 75
" " " 3799	"	19,632	391 86
" " " 3795	"	19,687	419 40
Widening Chippewa Street	"	19,731	78 00
" Alley in Block 3690 and 3691	"	19,709	91 75
Opening Alley in Block 3982	"	19,818	110 00
" " " 3566	"	19,860	406 00
" " " 3805	"	19,862	478 50
" " " 3976	"	19,864	639 75
" " " 4036	"	19,865	114 20
" " " 4040	"	19,866	595 70
" " " 1453	"	20,049	378 25
" " " 1455	"	20,050	1,033 20
" " " 2054	"	20,051	168 65
" " " 2063	"	20,052	300 00
" " " 2267	"	20,053	297 50
" " " 3714	"	20,054	814 33
" " " 4441	"	20,055	1,565 15
" " " 4440A	"	20,056	250 00
Widening N. & S. Alley in Block 821 N	"	20,057	897 05
Opening Donovan Avenue	"	20,059	3,000 00
" Spring Avenue	"	20,060	840 00
" Twenty-first Street	"	20,061	7,839 00
" Von Versen Avenue	"	20,062	6,222 00
" Alley in Block 2178	"	20,100	800 00
" " " 3578	"	20,223	1,218 30
" " " 4530	"	20,224	897 80
" " " 2699	"	20,233	363 00
" Taylor Avenue	"	20,234	1,811 20
" Alley in Block 1257	"	20,248	172 50
" " " 4506	"	20,251	137 50
" Terry Avenue	"	20,321	2,750 00
Park Commissioner			8,199 68
Benton Park			2,491 67
Carondelet Park			5,676 98
Carr Square			1,395 21
Forest Park			40,829 34
Forest Park Boulevard			288 62
Fountain Park			591 94
Gamble Place			1,274 08
Gravois Park			966 70
Hyde Park			2,174 27
Jackson Place			693 02
Kendrick Garden			199 85
Laclede Park			1,006 99
Lafayette Park			7,985 88
Lyon Park			1,896 84
O'Fallon Park			5,247 98
St. Louis Place			8,319 63
South St. Louis Square			792 15
Tower Grove Park			25,000 00
Washington Square			2,246 10
Pay Roll Account Special Fund			1,942 35
Plumbing Inspection Department			10,039 73
Police Salaries, Board of Police Commissioners, Chief, etc			1,385,538 14
Police, all other Salaries and Current Expenses			188,211 27
Police, Erection of Station Houses and Stables and Purchase of Lots			22,823 58
Police Patrol Wagon System			24,409 28
Poor House			134,926 21
Poor House Bakery			21,771 89
Poor House Dairy			236 74
Printing and Stationery for Mayor, Comptroller, Auditor, Register and Treasurer			30,654 98
Public Library, Special Fund			70,919 01
Quarantine and Smallpox Hospital			19,241 23
Real Estate Account			1,260 93
Recorder of Deeds			47,012 47
Reduction of Garbage			65,700 00
Removal of Garbage			127,200 00
Relief of Iron Mountain Co	Ordinance No.	20,206	6,000 00
" Wm. Luke	"	20,322	370 00
" Herman Minges	"	20,323	21 62
" Nick Karr	"	20,385	259 65
Repairs of Dykes, Wharf and River Banks			21,975 82

Retained Percentage Contract No. 2176		$25,000 00
" " " 2178		25,000 00
" " " 4983		9,433 06
" " " 5531		1,245 81
" " " 5532		2,025 86
" " " 5533		8,415 21
" " " 5537		298 51
Salaries for Mayor, Comptroller, Auditor, Register and Treasurer		80,228 82
Scales		4,920 21
Scavenger Dumps—Construction and Repairs		3,253 15
" " Salaries and Current Expenses		6,704 96
Sewer Contract Account		47,153 49
Sewers, Salaries, Current Expenses and Repairs		100,232 57
Special Tax—Reconstructing Easton Avenue ... Ordinance No.	20,064	337 18
" " Manchester Avenue ... "	20,087	470 00
" " " " ... "	20,084	283 00
Sprinkling Streets		166,619 32
Street and Alley Contract Account		13,560 10
Street Bridges and Culverts, Miscellaneous and Repairs		34,050 88
Street Cleaning, Block System		11,998 50
" " Floating Dumps		9,112 51
" " Labor and Carts		56,983 80
" " Stone and Wooden Blocks and Asphalt Pavements		53,812 53
" Commissioner's Department		72,702 16
" Grades and Surveys		7,499 63
" Reconstruction Contract Account		625 29
" Repairs, Macadam and Other Material		29,942 90
" " Miscellaneous Expenses		69,187 70
" " Reconstructed Streets		37,109 54
" " Salaries		44,763 17
Streets, Special and Temporary Service		46,235 91
Water Pipe Contract Account		461,578 20
Water Works		542,477 32
" " Cost and Legal Expenses		27,993 24
Water Works Extension—		
Salaries and Expenses		30,460 22
High Service Engines Nos. 7 and 8 ... Ordinance No.	17,006	20,711 26
Pump Main No. 7	" 17,652	1,742 00
Building, etc., High Service Pumping Station No. 3	" 17,787	4,510 31
High Service Pumping Engines Nos. 9 and 10	" 18,085	17,611 97
Pumping Engines Nos. 8 and 9	" 18,562	8,704 80
Pump Main No. 8	" 18,563	734 75
Stand Pipe, Compton Hill Reservoir	" 18,565	15,789 20
Revetment of River Bank, Chain of Rocks	" 19,004	43,993 19
Construction of Bridges, W. W. Switch over H. Creek, etc	" 19,513	14,144 75
Pumping Engine, High Service Pumping Station No. 8	" 19,630	114,593 56
Pumping Main No. 9	" 20,078	60,411 22
Water Works Reconstruction, Pumping Plant, High Service Pumping Station No. 1, Ordinances Nos. 18,994 and 20,237		59,114 25
Witness and Other Fees—Special Fund		128 80
" " " Criminal Cases		5,678 44
Work House		70,354 75
Total Amount of Warrants Drawn during the Fiscal Year		8,932,746 57
Amount of Warrants Unpaid at the beginning of the Fiscal Year		179,667 32
		9,112,413 89
Less Amount of Warrants Unpaid at the end of the Fiscal Year		159,307 31
Amount of Warrants Paid and Returned by the Treasurer during the Fiscal Year		8,953,106 58
Cash Balance in Treasury at the close of the Fiscal Year, April 8, 1901		4,442,531 73
Total		$13,395,638 31

DETAILED STATEMENT OF EXPENDITURES.

Assessment of Revenue—			
Salaries of President and Employes		$ 49,312 69	
" District Assessors		18,000 00	
" Temporary Clerks		856 95	
" Board of Equalization		672 00	
Book Binding, Books, etc	$ 370 75		
Printing and Stationery	2,427 12		
Postage	420 00		
City Directory and Maps	53 00		
Furniture and Repairs	58 85		
Telephone and Clock Rental	165 00		
		3,494 72	
Buggy Hire		498 50	
Bills Unpaid at beginning of Fiscal Year		657 38	
			$ 73,492 44
Assessor and Collector of Water Rates—			
Salaries of Assessor and Employes		52,477 61	
Horse Board	1,077 62		
Horseshoeing	112 86		
Veterinary Service	60 50		
Harness and Vehicle Repairs	137 45		
Printing and Stationery	3,051 77		
Postage	740 00		
Car Tickets	660 00		
City Directories	12 00		
Furniture and Repairs	31 00		
Towels and Washing	69 10		
Soap, Matches, etc	11 52		
Horse and Vehicle Hire	82 50		
Clock and Telephone Rent	179 71		
		6,226 08	
Bills Unpaid at the beginning of Fiscal Year		579 76	
Horses		400 00	
New Wagons		555 00	
			60,238 40
Board of Engineers and Boiler Inspector—			
Salaries of Inspector, Deputies, Clerk and Members of Board		9,416 00	
Horse Board	643 00		
Horseshoeing	107 65		
Horse and Wagon Hire	41 00		
Harness and Vehicle Repairs	361 50		
Veterinary Service	19 50		
Printing and Stationery	608 55		
Postage	60 00		
Car Tickets	175 00		
City Directory and Register	8 50		
Telephone Rental	100 00		
Apparatus Repairs	83 78		
		2,208 48	
Bills Unpaid beginning Fiscal Year		202 40	
New Harness		30 00	
Horses		150 00	
			12,006 88
Board of Health and Commissioner—			
Salaries of Commissioner and Members of the Board		21,220 85	
Horse Board	493 12		
Horseshoeing	49 15		
Horse and Vehicle Hire	263 60		
Harness and Vehicle Repairs	62 50		
Car Tickets	105 00		
Postage	118 00		
Typewriter Supplies	5 40		
Matches, Soap, Towels, Fuel, etc	192 43		
City Directories	12 00		
Telephone Rent	110 00		
Furniture and Repairs	157 34		
Printing and Stationery	1,274 80		
Express, Telegrams and Traveling Expenses	192 43		
		3,035 77	
City Chemist—			
Apparatus, Chemicals, Medical Books, etc	155 45		
Printing and Stationery	113 40		
Car Tickets	120 00		
Postage	53 00		

Telephone Rent	$ 75 00		
Gas, Ice and Electric Light	338 37		
Towels and Washing	26 00		
Soap, Matches, Mops, Fuels, etc	26 69		
Cleaning Rooms	1,263 25		
Rent	650 00		
Furniture and Repairs	125 50		
		$2,996 66	
Sanitary Division —			
Salaries, of Sanitary Officers, Inspectors and Fumigators		49,995 17	
Horse Board	3,630 45		
Horseshoeing	562 55		
Harness and Vehicle Repairs	715 80		
Horse Clipping and Veterinary Service	97 95		
Printing and Stationery	1,363 25		
Postage	360 00		
Car Tickets	1,120 00		
Soap, Brooms, Dusters, Lime, Lye, Camphor, etc.	91 32		
Furniture and Repairs	164 70		
City Directories	12 00		
Fuel	250 16		
Hire of Horses, Wagons and Buggies	562 50		
		8,920 68	
Horses and Wagons		450 00	
Vaccine Virus		1,299 95	
Bacteriological Examinations		2,400 00	
Disinfectants		15,860 84	
Meat Inspectors		1,900 00	
Bills Unpaid at the beginning of the Fiscal Year.		283 38	
Salaries Unpaid at the beginning of the Fiscal Year		522 57	
			$108,896 87
Board of Public Improvements, President's Department —			
Salaries of President, Secretary and Employes		34,099 80	
Salaries of Temporary Field Hands		100 00	
Salary of Chief Inspector, Ordinance No. 18,376		552 42	
Advertising	7,081 29		
Printing and Stationery	1,499 68		
Postage	100 00		
Car Tickets	160 00		
Clock and Telephone Rent	20 00		
Furniture and Repairs	25 30		
City Directories	18 00		
Draughtsman's Supplies	161 30		
Stenographer at Board Meetings	46 20	9,111 77	
			43,863 99
Catching and Killing Dogs			6,000 00
City Dispensary —			
Salaries of Physicians, Assistants, Drivers, etc		17,847 97	
Charity Prescriptions	72 89		
Surgical Instruments, Supplies and Repairs	502 26		
Drugs, Medicines and Domestic for Bandages	2,150 55		
Printing and Stationery	412 80		
Car Tickets	250 00		
Postage	30 00		
Horse Board	5,986 17		
Horseshoeing	928 40		
Harness and Vehicle Repairs	1,767 28		
Furniture and Repairs	260 76		
Fuel and Gas for Fuel	295 15		
Soap, Mops, Dusters, Brooms, Matches, etc	63 84		
Telephone Rental	207 45		
City Directory	6 00		
Ice	175 45		
Wages Temporary Help	300 00		
Typewriter and Repairs	55 00		
		13,464 00	
Branch Dispensaries		8,267 50	
Physicians Temporarily Employed		2,308 71	
Rent of Rooms		1,399 92	
Horses		800 00	
New Ambulances		735 00	
			44,823 10
City Hall Repairs and Alterations —			
Carpenter Work and Locksmithing		55 35	
Plumbing		64 17	
Painting and whitening		128 90	
Repairing Roof		159 97	
Bills unpaid at the beginning of the fiscal year		61 18	
			469 57
City Hall Salaries and Current Expenses —			
Salaries of Janitor and Watchman		600 00	

Awnings Repairs		$ 15 15	
Night Alarm Service		20 00	
Plumbing		2 69	
			$ 637 84
City Hospital—			
Salaries of Superintendent and Employes		33,980 46	
Groceries and Provisions	$15,556 56		
Meat and Fish	13,570 28		
Ice	1,270 96		
Bread	3,014 48		
Milk	5,833 64		
Vegetables	945 35		
Fuel and Gas	6,902 81		
		47,094 03	
Drugs and Medicines	8,076 70		
Surgical Instruments	2,481 47		
Whiskey and Wine	1,120 62		
Crinoline and Domestic for bandages	1,459 11		
Disinfectants	51 00		
		13,188 90	
Dry Goods, Clothing and Bedding	4,344 75		
Household Goods	150 00		
Furniture and Repairs	835 07		
Glassware and Tinware	955 94		
Hardware	171 12		
Slippers, Straps and Wristlets	922 66		
Sole Leather	164 23		
Soap, Sponges, Bluing, Lye and Starch	1,434 92		
Brooms, Buckets, Mops, Matches and Brushes	350 08		
Scale Inspection	9 40		
Disinfectants	68 50		
		9,376 67	
Forage	424 71		
Horseshoeing	60 80		
Horse Bedding and Stable Supplies	12 50		
Gardener's Tools and Supplies	464 81		
Harness and Vehicle Repairs	71 80		
Printing and Stationery	1,185 54		
Postage	60 00		
Car Tickets	65 00		
Telephone Rental	20 00		
Lumber for Coffins	355 50		
City Directory	6 00		
		2,725 16	
Labor and Material for Repairs of Buildings, Boilers, Machinery, Steam Heating, etc.—			
Oil, Paint, White Lead, Turpentine and Brushes	401 58		
Hardware	544 45		
Lumber	823 25		
Sand and Cement	76 05		
Plumbing and Steam Fitting	626 97		
Laundry Repairs	513 00		
		2,485 30	
Bills Unpaid at beginning of the fiscal year		1,004 68	
Rent of Temporary Quarters		12,000 00	
			121,855 20
Cleaning Levee and Removing Obstructions—			
Wages of Laborers		11,034 94	
Brooms		7 50	
			11,042 44
Commissioner of Public Buildings—			
Salaries of Commissioner, Deputies, Inspectors, Clerks and Draughtsman		13,599 96	
Salary of Local Superintendent		500 00	
Horse Board	1,204 80		
Horseshoeing	158 55		
Horse Clipping and Veterinary Service	34 00		
Harness and Vehicle Repairs	100 15		
Printing and Stationery	304 65		
Postage	60 00		
Telephone	30 56		
Car Tickets	25 00		
Draughtsman's Supplies and Repairs	26 46		
City Directory and Typewriter Supplies	11 75		
Furniture and Repairs	24 42		
Horse and Vehicle Hire	118 47		
		2,098 81	
New Buggy		165 00	
Salaries of Members of the Board of Appeals		720 00	
			17,083 77
Commissioner of Supplies—			
Salaries of Commissioner, Book-keeper and Clerks		10,999 92	
Advertising	2,313 35		
Printing and Stationery	638 20		

Postage	$ 110 00		
Clock and Telephone Rental	223 08		
Car tickets	30 00		
Furniture and Repairs	46 30		
City Directory	6 00		
Harness and Vehicle Repairs	158 00		
Horse Board	238 20		
Horseshoeing	23 00		
Pay Roll of Labor and Teams Moving Condemned Property	81 00		
Hire of Horses and Vehicles	8 50		
		$3,875 63	
Bills Unpaid at the beginning of the Fiscal Year		382 76	
			$ 15,258 81
Contingent Fund —			
Salaries of Investigating Committee		1,500 00	
Care of Foundlings —			
St. Ann's Widows' Home, Infant Asylum and Lying-in Hospital	4,525 09		
Bethesda Foundling Home	7,405 66		
St. Louis Colored Orphans' Home	517 02		
		12,447 77	
Support of Indigent Pupils at the Deaf and Dumb Asylum at Fulton, Mo		536 56	
Support of Girls at State Industrial Home for Girls at Chillicothe, Mo		165 95	
Support of Boys at Reform School at Boonville, Mo.		9,886 42	
Support of Louis Ulmer, Insane Convict, at St. Joseph, Mo		147 80	
National Guard Armory —			
Taxes		728 37	
Fuel	175 86		
Light	809 75		
Water	181 00		
Salaries of Janitors	1,440 00		
		2,606 11	
Light Battery "A" —			
Janitors	780 00		
Light and Fuel	164 30		
		944 30	
Bills Unpaid at the beginning of the Fiscal Year		2,427 51	
			31,390 79
Contract and Other Deposits — Sundry Special Deposits Withdrawn			544,600 79
Coroner —			
Salaries of Coroner, Deputies and Clerks		10,699 97	
Printing and Stationery	479 13		
Postage	10 50		
Horse Board	432 25		
Horseshoeing and Clipping	98 45		
Horse and Buggy Hire	107 00		
Harness and Vehicle Hire	433 40		
Telephone Rent	138 90		
City Directory and Typewriter	78 75		
Temporary Clerk and Stenographer	467 24		
		2,245 62	
Bills Unpaid at beginning of the Fiscal Year		45 00	
Jury and Witness Fees	1,575 85		
Coffins and Expenses of Burial	749 00		
Post-mortem Examinations	2,810 00		
		5,134 85	18,124 94
Costs and Legal Expenses —			
Misdemeanor Cases —			
Fee Bills, Costs in Criminal Court	2,924 90		
Fee Bills, Costs in Court of Criminal Correction	12,987 10		
Sheriff's Fees	14,049 45		
Meals Furnished Jurors	162 50		
Witnesses	926 95		
		31,050 90	
Civil Cases —			
Costs, City Defendant	2,413 17		
Costs, City Plaintiff	93 95		
Printing Briefs, Copies of Opinions, Transcripts	1,374 69		
Printing and Stationery	88 30		
Telegrams	5 02		
Express Charges and Traveling Expenses	387 97		
Telephone	12 95		
Stenographer in Courts	75 62		
Expert Testimony	87 70		
Sheriff's Fees	1,032 10		
		5,571 47	
Bills Unpaid at beginning of Fiscal Year		179 75	
			36,902 12
Court House Repairs and Alterations —			
Carpenter Work and Locksmithing	185 93		

Plumbing and Repairs	$ 269 75		
Glazing	8 75		
Plastering and Whitening	6 00		
		$ 470 43	
Painting and Papering		224 00	
Repairing, Steam Heating, etc.		60 72	
			$ 755 15
Court House Salaries and Current Expenses —			
Salaries of Janitors, Engineers and Watchmen		5,520 00	
" Assistant Engineer		420 00	
" Firemen		950 00	
Awnings and Repairs	63 85		
Fuel	976 69		
Ice	280 81		
Hauling Ashes, etc	175 42		
Towels and Washing	303 92		
Sawdust, Soap, Matches, Buckets, etc	319 06		
Disinfectants	86 00		
Engineers' Tools and Supplies	109 73		
Night Watch Signal Service	60 00	2,375 48	
			9,265 48
Courts —			
Circuit Court —			
Salaries of Judges, Stenographers and Janitors		12,140 00	
Sheriff's Attendance		14,221 20	
Printing and Stationery	2,831 94		
Furniture and Repairs	885 47		
Clerk's Expenses for Postage, etc.	418 15		
Painting, Papering and Whitening	17 00		
Law Books	70 00		
		4,222 56	
Probate Court —			
Salaries of Probate Clerk, Clerks and Stenographers		13,097 50	
Sheriff's Attendance		984 00	
Printing and Stationery	1,215 90		
Furniture and Repairs	28 57		
Typewriter Repairs, City Directory, Telephone	102 40		
		1,346 87	
Circuit Court, Criminal Causes —			
Salaries of Judges, Clerk, Circuit and Assistant Circuit Attorney and Reporter		22,675 82	
Sheriff's Attendance		7,186 20	
Printing and Stationery	1,909 43		
City Directories	12 00		
Furniture and Repairs	883 94		
Telephone Rental	169 11		
		2,974 48	
Deficit between the Earnings and Expenses, Year 1899		4,796 10	
Deficit between the Earnings and Expenses, Year 1900		7,529 10	
Court of Criminal Correction —			
Salaries of Judge, Prosecuting Attorney and Assistant		9,999 84	
Sheriff's Attendance		1,710 80	
Printing and Stationery	1,199 05		
City Directories	12 00		
Furniture and Repairs	519 65		
Telephone Rent	177 78		
Typewriter and Repairs	8 25		
Postage	40 00		
		1,956 73	
First District Police Court —			
Salaries of Judge, Attorney and Clerks	8,209 19		
Printing and Stationery	520 27		
Fuel and Ice	101 04		
Moving Expenses to Old City Hall	59 00		
Furniture and Repairs	991 31		
		9,880 81	
Alterations at Old City Hall		943 05	
Second District Police Court —			
Salaries of Judge, Attorney and Clerk	5,859 96		
Printing and Stationery	483 50		
Fuel and Ice	19 88		
Brooms, Mops, etc.	18 15		
Postage	10 00		
Furniture and Repairs	71 28		
Disinfectants	7 50		
		6,470 27	
South St. Louis Police Court —			
Salaries of Judge, Attorney and Clerk	2,820 00		
Printing and Stationery	105 25		
Postage	5 00		
		2,930 25	

Justice of the Peace Courts—		
First District—		
Salaries of Justice, Constable, Deputies and Clerk	$ 7,299 96	
Printing and Stationery	126 12	
Postage	72 40	
Furniture and Repairs	25 00	
City Directory	6 00	
Rent	720 00	
		$ 8,249 48
Second District—		
Salaries of Justice, Constable, Deputies and Clerk	7,209 96	
Printing and Stationery	53 90	
Postage	46 80	
Furniture and Repairs	12 25	
City Directories	12 00	
Rent	840 00	
		8,264 91
Third District—		
Salaries of Justice, Constable, Deputies and Clerk	7,299 96	
Printing and Stationery	182 65	
Postage	70 15	
Furniture and Repairs	12 25	
City Directories	12 00	
Rent	900 00	
		8,477 01
Fourth District—		
Salaries of Justice, Constable, Deputies and Clerk	7,299 96	
Printing and Stationery	313 70	
Postage	125 70	
Car Tickets	20 00	
Furniture and Repairs	188 33	
City Directory	6 00	
Ice	14 00	
Rent	749 97	
		8,717 66
Fourth District, No. 2—		
Salaries of Justice, Constable, Deputies and Clerk	7,299 96	
Printing and Stationery	104 00	
Postage	54 90	
City Directory	6 00	
Ice	14 00	
Rent	661 66	
		8,140 52
Fifth District—		
Salaries of Justice, Constable, Deputies and Clerk	7,299 96	
Printing and Stationery	165 74	
Postage	111 95	
City Directory	6 00	
Soap, Brooms and Toilet Supplies	4 50	
Ice	19 29	
Rent	2,220 00	
		9,827 44
Fifth District, No. 2—		
Salaries of Justice, Constable, Deputies and Clerk	7,269 96	
Printing and Stationery	218 45	
Postage	80 00	
City Director	6 00	
Soap, Brooms and Toilet Supplies	3 75	
Rent	550 00	
		8,128 16
Sixth District—		
Salaries of Justice, Constable, Deputies and Clerk	7,299 96	
Printing and Stationery	792 40	
Postage	102 50	
Furniture and Repairs	5 00	
City Directory	6 00	
Ice and Fuel	10 80	
Rent	8 40	
		9,056 66
Seventh District—		
Salaries of Justice, Constable, Deputies and Clerk	7,258 29	
Printing and Stationery	45 15	
Postage	29 75	
Furniture and Repairs	5 00	

City Directory	$ 6 00		
Awnings and Repairs	10 80		
Rent	720 00		
		$ 8,074 99	
Eighth District —			
Salaries of Justice, Constable, Deputies and Clerk	7,299 96		
Printing and Stationery	199 85		
Furniture and Repairs	5 00		
Awnings	5 00		
City Directory	6 00		
Rent	645 00		
		8,160 81	
Ninth District —			
Salaries of Justice, Constable, Deputies and Clerk	7,299 96		
Printing and Stationery	125 25		
Postage	48 10		
City Directory	6 00		
Ice and Fuel	7 25		
Awnings and Repairs	21 00		
Rent	900 00		
		8,407 56	
Bills unpaid at beginning of the Fiscal Year		142 25	
Rent		270 00	
			$248,968 03
Election and Registration —			
Salaries of Election Commissioners and Assistants		57,271 80	
Rent of Registration Offices and Polling Places		8,345 00	
Printing Stationery and Maps	15,494 10		
Furniture and Repairs	251 95		
Oil, Paste, Brushes, Paint Buckets and Hardware	149 30		
Soap, Towels, Brooms, etc	80 60		
City Directories	18 00		
Telephone and Clock Rent	407 50		
Horse and Vehicle Hire	353 00		
Toilet Supplies	18 90		
Typewriter and Repairs	190 15		
		16,913 50	
Delivering, Returning, Storing Booths and Tables	1,488 72		
Repairing Boxes and Booths	317 62		
Delivering and Returning Ballot Boxes	2,058 15		
		3,864 49	
Advertising and Postage		6,444 34	
Bills Unpaid at the beginning of Fiscal Year		469 50	
Salaries " " " " "		1,655 00	
			94,963 68
Erection of New City Hall—Ordinance No. 15,558—			
New Boilers		7,250 00	
For Finishing and Completing Rooms for Recorder of Deeds		2,863 00	
Making Alterations and Additions to Boiler Room		1,470 00	
			11,583 00
Erection of Public Drinking Fountains — Ordinance No. 20,099			281 65
Erection of New City Hospital — Ord. No. 20,162 —			
Salaries of Draughtsmen and Plans		2,065 14	
Printing and Stationery		24 63	
Traveling Expenses of Building Commissioner		95 05	
Grading		2,711 83	
			4,896 65
Factory Inspection Department —			
Salaries of Inspector			67 74
Female Hospital —			
Salaries of Superintendent and Employes		21,335 42	
Groceries and Provisions	7,305 94		
Meat and Fish	7,479 52		
Bread	1,411 01		
Milk	2,179 47		
Ice	764 51		
Fuel	2,816 05		
Vegetables	138 50		
		21,695	
Drugs and Medicines	3,243 24		
Surgical Instruments	147 60		
		3,390 84	
Dry Goods, Clothing and Bedding	1,127 63		
House Furnishing Goods	81 55		
Glassware and Kitchen Utensils	679 28		
Soap, Lye, Soda, Charcoal, etc.	656 78		
Slippers	86 25		

Brooms, Matches, Combs, Brushes, etc	$ 351 54		
Furniture and Repairs	213 78		
Scale Inspection	2 00		
Printing and Stationery	11 00		
		$ 3,209 81	
Forage	236 87		
Horseshoeing	54 40		
Harness and Vehicle Repairs	7 50		
Printing and Stationery	380 15		
Car Tickets	40 00		
Postage	43 00		
Telephone Rent	5 00		
Lumber for Coffins	112 30		
Engineers' Tools, Supplies and Repairs	268 51		
Gardeners' Tools, Supplies and Gravel	166 47		
City Directory	6 00		
		1,320 20	
Labor and Material for Repairs of Buildings, Boilers, Machinery and Steam Heating Apparatus—			
Paints, Oil, White Lead, Varnish and Turpentine.	396 17		
Lumber and Millwork	188 97		
Sand, Lime and Cement	18 20		
Plumbing, Gas Fitting and Supplies	601 26		
Hardware	154 42		
Roof and Down Spouts Repairs	80 26		
Papering, Whitening, etc	19 00		
		1,458 28	
Special Repairs—			
Plumbing		1,997 69	
Bills Unpaid at beginning of the Fiscal Year		605 60	
			$55,012 84
Fire Alarm Telegraph—			
Salaries of Superintendent and Employes		24,300 00	
Wages of Laborers on Old Lines	13,516 35		
Arms, Knobs, Brackets, Pole Clamps, etc	1,327 37		
Hardware	406 43		
Paint, Oil, Charcoal, Copper, etc	267 85		
Instruments and Repairs	610 21		
Telephone and Clock Rental	510 85		
City Directory	6 00		
Horse Board	2,300 75		
Horseshoeing	307 80		
Horse and Vehicle Hire	797 00		
Harness and Vehicle Repairs	743 75		
Horse Clipping and Veterinary Service	81 58		
Printing and Stationery	128 70		
Postage	10 00		
Car Tickets	85 00		
Furniture and Repairs	117 90		
Lumber	59 00		
Horses	99 00		
Towels and Washing	41 60		
		21,417 14	
Underground Work—			
Material	24,291 28		
Inspectors	18 00		
Advertising	65 22		
Labor	1,371 26		
Printing and Stationery	140 00		
		25,883 76	
New Lines—			
Labor and Material		1,248 37	
			72,849 27
Fire Department—			
Salaries of Chief, Assistants, Engineers, Firemen, Drivers, etc		556,529 75	
Fuel	6,461 60		
Ice	769 78		
Horseshoeing	8,617 36		
Veterinary Service and Medicines	1,601 68		
Harness Supplies and Repairs	1,604 10		
Lanterns and Repairs	148 05		
Hardware	265 46		
City Directory and Maps	26 00		
Forage	17,342 26		
Disinfectants	375 65		
Printing and Stationery	173 95		
Telephone and Clock Rental	157 00		
Damages to Vehicles and Property	38 00		
Oil, Brooms, Soap, Drugs, Soda, etc	2,111 87		
Furniture and Beds	1,332 49		
Awning Repairs and Storage	29 90		
Gas	128 32		

Ground Rent, City Block 65	$ 85 00		
Traveling Expenses, Chief attending Convention.	106 10		
Apparatus Repairs and Supplies	23,620 09		
		$ 64,994 66	
Horses	5,985 00		
New Engine		4,709 00	
Hose Couplings, Nozzles, etc	21,652 45		
" " " Repairs	949 10		
		22,601 55	
Labor and Material for Repairs of Buildings—			
Plumbing and Repairs	2,449 41		
Carpentry	350 71		
Glazing and Painting	297 25		
Hardware	25 79		
Repairing Roofs, Gutters and Down Spouts	2,457 35		
Lumber	1,116 13		
Paints, Oil, White Lead, Turpentine and Concrete	157 86		
Iron Work	838 83		
Repairs to Engine Houses 8, 9, 3, 25, 38	2,556 88		
		10,249 71	
Bills Unpaid at the beginning of the Fiscal Year.		256 69	
			$665,317 36
Firemen's Pension Fund			7,310 66
Four Courts Building Repairs and Alterations—			
Carpenter Work and Locksmithing	83 40		
Plumbing and Repairs	70 40		
Painting, Glazing and Plastering	420 46		
Repairs to Roofs, Gutters and Down Spouts	111 85		
Engineers Supplies and Repairs	425 13		
Repairs, Damaged by Fire	257 81		
		1,369 05	
Special Repairs—			
Painting and Glazing	865 50		
Repairs and work on Furnace	123 00	988 50	
			2,357 55
Four Courts Building—Salaries and Current Expenses—			
Salaries of Janitors, Engineer and Watchman		6,420 00	
" " Assistant Engineer		490 00	
" " Firemen		950 00	
" " Coal Passers		700 00	
Awnings and Repairs	45 85		
Ice	198 27		
Night Signal Service	36 00		
Hauling Ashes	388 57		
Towels and Washing	226 45		
Fuel	2,954 46		
Disinfectants	55 00		
Soap, Brooms, Chamois and Mops	207 15		
Engineer's Supplies	119 21		
Furniture and Repairs	52 75		
New Scales	42 00		
		4,325 71	
Bills Unpaid at the beginning of the Fiscal Year.		541 72	
			13,427 43
Fund for Numbering Houses —			
Salaries		675 00	
Horse Board	83 50		
Horseshoeing	16 50		
Salary of Draughtsman	225 00	325 00	
			1,000 00
Harbor and Wharf—Salaries and Current Expenses —			
Salaries of Commissioner, Assistant and Deputies		10,699 80	
Ice	6 48		
Horse Board	216 00		
Horseshoeing	20 60		
Harness and Vehicle Repairs	57 75		
Printing and Stationery	259 75		
Postage	25 00		
Car Tickets	50 00		
Telephone Rent	110 00		
Towels and Washing	32 90		
City Directories	12 00		
Furniture and Repairs	219 27		
Draughtsman's Supplies	122 05	1,131 80	
			11,831 60
Harbor Boat —			
Salaries of Captain and Crew		6,600 00	
Wages of Carpenters and Laborers	706 89		
Docking, Towing and Repairing	1,000 00		
Testing, Cleaning Boilers and Furnace Repairs	114 50		
Engineer's Tools, etc	282 91		
Oil, Packing, Rope, Tools and White Lead	816 05		

Lumber	$ 1,064 21		
Fuel	2,498 41		
Ice	32 96		
New Clock	10 85		
		$ 6,526 68	
Electric Light Plant		1,333 30	
			$ 14,459 98
House of Refuge—			
Salaries of Superintendent and Employes		19,986 09	
Groceries and Provisions	6,877 06		
Ice	206 43		
Milk	1,915 96		
Meat	6,731 46		
Flour and Bread	3,841 84		
Fuel	2,659 44		
Gas	264 16		
		22,496 85	
Drugs and Medicines	611 20		
Medical Attendance	600 00		
Furniture and Repairs	546 70		
Dry Goods and Clothing	3,221 08		
Kitchen Utensils, Glass, Tinware, etc	601 51		
Sole Leather and Findings	3,208 83		
Oil, Soap, Buckets, Lye, etc	1,254 16		
Scale Inspection	3 00		
Disinfectants	152 50		
Needles, Thread, etc	59 55		
Fire Extinguishers	288 00		
		10,546 53	
Forage	491 37		
Veterinary Service and Horseshoeing	135 28		
Harness and Vehicle Repairs	380 85		
Printing and Stationery	529 97		
Books, City Directory and Clerks' Supplies	184 42		
Telephone	125 00		
Lumber	365 00		
Gardeners' Supplies	548 37		
Hardware	119 25		
Oil, etc	119 00		
		2,998 51	
Traveling Expenses of Superintendent to Conventions		296 60	
Boys' School—			
Salaries of Instructors	3,013 87		
Supplies	488 88		
		3,502 75	
Girls' School—			
Salaries of Instructors		1,980 00	
Labor and Material for Repairs—			
Oil, White Lead, Paint, Glass and Putty	991 29		
Hardware	1,286 06		
Lumber	1,178 15		
Sand, Lime, Brick and Hair	618 94		
Repairs to Machinery	79 69		
Wall Paper	119 64		
		4 273 77	
Bills Unpaid at the beginning of the Fiscal Year		2,371 11	
New Fire Escape Built in 1899		470 00	
New Hospital		4,155 36	
Galvanized Iron Ceiling		445 50	
			73,522 57
House of Refuge Bakery—			
Salaries		1,828 88	
Sugar, Lard and Salt		2,012 45	
Flour		5,994 50	
Fuel		281 56	
Yeast		273 30	
Furnace Repairs		182 39	
Improvements		288 96	
			10,862 04
Insane Asylum—			
Salaries of Superintendent and Employes		34,369 15	
Groceries and Provisions	23,273 05		
Meat and Fish	16,602 76		
Bread	5,929 28		
Milk	2,856 57		
Ice	950 46		
Fuel	5,680 03		
Vegetables	78 55		
		55,370 65	
Drugs and Medicines	1,345 28		
Surgical Instruments and Supplies	8 16		
Liquid Bread and Crystal Water	138 00		
		1,491 44	

Dry Goods, Clothing and Bedding.	$ 3,445 54		
Furniture and Repairs	743 66		
House Furnishing Goods	115 19		
Glassware, Tinware, Hardware, etc.	719 69		
Shoes, Slippers, Brogans and Hats	605 65		
Sole Leather and Findings	35 20		
Soap, Oil, Ink and Sponges	2,555 84		
Brooms, Buckets, Brushes and Matches	781 83		
Scale Inspection	4 25		
Disinfectants	52 40		
New Fire Hose	407 55		
		$9,466 80	
Forage	547 41		
Horseshoeing	56 90		
Harness and Vehicle Repairs	115 35		
Printing and Stationery	275 26		
Postage	88 00		
Car Tickets	135 00		
Telephone Rent	5 00		
Engineers' Tools and Supplies	391 67		
Gardeners' Tools and Supplies	355 89		
City Directory	6 00		
Typewriter Supplies	6 45		
Carpenter Work, Painting, Lumber for Coffins	191 80		
		2,174 73	
Entertainments—			
Supplies	224 01		
Music	368 00		
		592 01	
Labor and Material for Repairs—			
Oil, Turpentine, White Lead, Paints, etc	439 35		
Plumbing, Supplies and Steam Fitting	1,320 42		
Lumber	228 35		
Clay Pipe, Sand and Cement	38 50		
Hardware	364 23		
Carpenter Work and Repairing	326 55		
Awnings	15 20		
		2,732 60	
Bills Unpaid at the beginning of the Fiscal Year		3,860 87	
			$110,058 25
Inspector of Weights and Measures —			
Salaries of Inspector, Assistants and Clerks		6,999 96	
Printing and Stationery	92 95		
Horse Board	447 00		
Horseshoeing	94 75		
Horse and Vehicle Hire	121 80		
Harness and Vehicle Repairs	63 75		
Veterinary Service	25 00		
City Directory	6 00		
Furniture and Repairs	5 00		
Hardware and Tools	19 05		
Telephone Rent	5 00	880 30	
			7,880 26
Insurance —			
House of Refuge		935 90	
Insane Asylum		1,725 00	
Election Booths		84 00	
Engine Houses		200 00	
Harness and Vehicles		171 00	
Quarantine		80 00	
Female Hospital		1,182 50	
Harbor Boat		125 00	
Poor House		1,306 00	
Buildings in Parks		315 00	
City Bacteriologist Laboratory Outfit		120 00	
Jail and Four Courts Building		50 00	
Adjusting Loss on Jail Fire		171 76	
Old City Hall		37 50	
Work House		388 00	
Markets		100 00	
City Hospital		50 00	
			7,041 66
Interest Account —			
Remittances —			
To National Bank of Commerce, New York		570,317 74	
To National Bank of Republic, New York		14,100 00	
To National Bank of Scotland, London, Eng.		53,653 75	
Coupons Redeemed at City Treasury.		140,966 58	
Advertising	10 00		
Telegrams, Express Charges and Postage.	18 54		
Bond Buyer.	5 00	33 54	
			779,071 61

Jail —			
Salaries of Jailer, Guards and employes		$ 22,132 99	
Groceries and Provisions	$ 4,032 85		
Meat and Fish	7,469 67		
Bread	1,968 81		
Milk	514 50		
Ice	238 57		
Fuel	94 07		
Vegetables	619 00		
		14,937 47	
Drug and Medicines	531 56		
Dry Goods, Clothing, Bedding and Sawdust	590 67		
Hardware, Tinware and Kitchen Utensils	641 49		
Disinfectants	61 00		
Soap, Matches, Brooms and Soda	550 18		
		2,374 90	
Office Expenses —			
Printing and Stationery	47 75		
Postage	2 50		
City Directory	6 00		
Telephone Rent	7 50		
Furniture and Repairs	138 11		
		201 86	
Repairs —			
Painting and Papering	25 00		
Iron Work and Lock Repairs	204 62		
Carpenter Work and Brick Work	440 23		
Plumbing	93 10		
		762 95	
Bills Unpaid at the beginning of the Fiscal Year		25 41	
			$40,435 08
Judgments —			
James Casey and Annie Casey vs. City of St. Louis, damages by death of plaintiff's son		750 00	
John Manion vs. City of St. Louis, personal injuries falling in defective sidewalk on Cass Ave.		112 50	
Ledia Geicking vs. City of St. Louis, personal injuries, thrown from a wagon on 6th, near Bates Street		225 00	
Ernst Geicking vs. City of St. Louis, damages for loss of services of wife		75 00	
Geo. H. Williams, assignee of Ernst Hutts, damages for personal injuries in falling on sidewalk in front of 1102 North 11th Street		225 00	
Action for damage to property by dumping earth into quarries		350 00	
Edward Wiethaupt vs. City of St. Louis, damages for injuries received running into water pipes on Grand Avenue and Connecticut Street		1,165 67	
John Rose vs. City of St. Louis, personal injuries received at Bissell's Point Water Works		300 00	
Harold Murphree vs. City of St. Louis, personal injuries falling in ditch Belt and Ridge Avenues		250 00	
			3,453 17
Jury and Witness Fees —			
Circuit Court		15,441 50	
Circuit Court — Criminal Division		19,113 50	
Probate Court		456 80	
Police Courts		64 00	
Grand Jury		3,182 60	
Grand Jury Witnesses		1,487 18	
			39,744 98
Jury Commissioner —			
Salaries of Commissioner and Deputies		9,030 96	
Printing and Stationery	85 04		
Postage	13 00		
Furniture and Repairs	11 50		
Advertising	14 00		
City Directories	12 00		
Telephone Rent	141 08		
Typewriter Supplies and Repairs	129 00		
		405 62	
			9,436 58
Law Department —			
Salaries of City Counselor, Associate, Second Associate, Assistant Clerk and Stenographer		16,500 00	
Printing and Stationery	347 00		
Postage	100 00		
Telephone Rent	155 00		
Law Books	278 70		
City Directory	6 00		
Furniture and Repairs	51 90		
		938 60	
Bills Unpaid at the beginning of the Fiscal Year		6 15	
			17,444 75

License Commissioner—			
Salaries of Commissioner, Deputies and Clerks..		$ 27,675 00	
Printing and Stationery	$ 558 44		
City Directories	12 00		
Furniture and Repairs	4 75		
Telephone and Clock Rent	209 50		
Postage	10 00		
Typewriter Repairs, and Advertising	78 67		
		873 36	
Members of the Board of License Revision		720 00	
Horse Board		860 00	
			$30,128 86
Lighting Public Buildings—			
Court House		5,196 23	
City Hall, Eleventh and Chestnut		2,623 27	
Four Courts		9,384 19	
Police Stations		10,847 24	
Insane Asylum		5,156 92	
Female Hospital		4,125 58	
Poor House		5,090 62	
Morgue		405 74	
Fire Department		9,708 24	
New City Hall, Twelfth and Market		8,827 94	
City Building, 2322 Clark Ave		274 82	
Public Buildings in Forest Park		418 85	
Water Department, South		117 50	
Jailer's Quarters		552 85	
Temporary City Hospital		7,203 56	
Water Department, North		13,949 03	
Union Market		3,278 22	
Harbor and Wharf Department		05	
House of Refuge		3,649 20	
Work House		913 60	
Carondelet Market		56 20	
			91,304 85
Lighting Streets, Alleys, Parks and Public Places—			
Salaries of Supervisor, Deputies and Clerks		20,024 16	
Electric Light		191,404 48	
Incandescent Mantel Lamps		156,113 83	
Gas Light		44,913 30	
Welsbach Lamps		5,886 59	
Labor	$36 00		
Hardware, Engineers' Tools, Supplies	930 33		
Lumber	56 15		
Furniture and Repairs	304 69		
Printing and Stationery	1,356 89		
Postage	120 00		
Car Tickets	100 00		
City Directories and Maps	206 00		
Horse and Vehicle Hire	20 00		
Horse Board	1,440 00		
Telephone Rent	273 83	4,842 89	
			428,185 25
Markets—			
Union Market—			
Salaries of Market Master and Sweepers		3,599 96	
Fuel and Ice	3 85		
Brooms, Soap and Hose	86 71		
Plumbing, Carpentry and Painting	187 86		
Repairing Roofs	160 36		
Advertising Notices to Butchers and Gardeners	106 15		
		544 93	
Soulard Market.—			
Salaries of Market Master and Sweepers		1,219 92	
Plumbing, Carpenter Work and Painting	3 14		
Repairing Roofs	49 60		
Labor and Cart	128 00		
		180 74	
South St. Louis Market—			
Salaries of Market Master and Sweepers		1,219 92	
Brooms, Soap, etc	2 40		
Plumbing, Carpenter Work and Painting	10 90	13 30	
			6,578 77
Mayor's Contingent Fund			1,500 00
Making Back Tax Books and Bills			3,500 00
Marshal's Office—			
Salaries of Marshal and Deputies		22,899 84	
Printing and Stationery	140 40		
Postage	17 00		
City Directories	12 00		

Horse Board	$ 129 48		
Horseshoeing	9 50		
Harness and Vehicle Repairs	43 10		
Car Tickets	65 00		
Furniture and Repairs	54 50		
Horse and Vehicle Hire	100 00		
Telephone Rent	15 00		
		$ 585 98	
Bills Unpaid at the beginning of the Fiscal Year.		1 50	
Horse		150 00	
			$ 23,637 32
Milk Inspector—			
Salaries of Inspector and Deputies		1,000 00	
Horse and Vehicle Hire		14 00	
			1,014 00
Morgue—			
Salaries of Superintendent, Assistant and Porter.		2,597 82	
Fuel	77 91		
Ice	768 11		
Postage	4 00		
Towels and Washing	206 31		
Brooms, Matches, Dusters, Brushes and Oil	141 61		
Furniture and Dry Goods	194 10		
Repairing Ice Pans, Trucks, etc.	147 86		
Conveying Bodies to Morgue	728 30		
Embalming Supplies	272 96		
Disinfectants	318 75		
		2,859 91	
Bills Unpaid at the beginning of the Fiscal Year.		294 08	
Labor and Repairs—			
Repairing Screens	54 22		
Plumbing	101 96	156 18	
			5,907 99
Municipal Assembly—			
Council—			
Salaries of Council Members		3,895 00	
" " Officers		5,551 00	
Publishing Proceedings	7,955 15		
Printing and Stationery	1,194 85		
Postage	100 00		
Telephone and Clock Rental	204 00		
Carriage Hire	66 00		
City Directory	6 00		
Soap, Sponges, Dusters, Chamois, etc.	62 16		
Furniture and Repairs	125 68		
		9,713 84	
For Furnishing Assembly Chambers		5,819 44	
House of Delegates—			
Salaries of Members of the House of Delegates		7,500 00	
" Officers House of Delegates		5,978 00	
Publishing Proceedings	6,045 49		
Printing and Stationery	649 87		
Postage	54 00		
Telephone and Clock Rental	198 00		
City Directory	6 00		
Soap, Matches, Dusters, etc	13 05		
Furniture and Repairs	100 00		
Carriage Hire	378 00		
Stenographer	425 00	7,869 41	
			46,326 69
Music in Public Parks—			
Music Furnished		5,888 00	
Advertising		41 50	
			5,929 50
New City Hall—Repairs and Alterations—			
Carpenter Work and Locksmithing	270 02		
Glazing and Plastering	69 17		
Plumbing	625 80		
Machinery Repairs	119 14		
Roof Repairs	259 57		
Brick Work	38 67		
Steam Heating Repairs	160 00		
		1,542 37	
Bills Unpaid beginning Fiscal Year		57 12	
			1,599 59
New City Hall—Furnishing—			
Furniture and Cases for Register's Office		867 66	
Furniture and Cases for Board Public Improvements		150 90	
			1,018 56

New City Hall—Salaries and Current Expenses—			
Salaries of Janitor, Assistants and Watchmen		$ 7,306 00	
Salaries of Engineers and Watchmen		6,625 24	
Fuel	$ 3,124 55		
Ice	516 13		
Towels and Washing	1,072 52		
Hauling Ashes	437 10		
Soap, Matches, Brushes and Dusters	775 71		
Engineers' Tools and Supplies	389 95		
Hardware	8 68		
Awnings	37 00		
Disinfectants	75 00		
Signal Service, Night Watch	40 00	6,476 64	
			$ 20,407 88
Office Expenses for Mayor, Comptroller, Auditor, Register and Treasurer—			
Mayor—			
Clock Rental	59 30		
Furniture and Repairs	2 50		
Stenographer for extra work	22 00		
		83 80	
Comptroller—			
Furniture and Repairs	81 15		
Car Tickets	69 25		
Telephone Rental	135 00		
Notary Fees	50		
		285 90	
Auditor—			
Furniture and Repairs	114 75		
Paste	3 50		
Clock and Telephone Rental	16 00		
		134 25	
Register—			
Furniture and Repairs	110 33		
Telephone Rental	207 50		
		317 83	
Treasurer—			
Car Tickets	40 30		
Furniture and Repairs	9 00		
Telephone Rental	15 30	64 60	
			886 38
Opening Street Expenses—			
Salaries of Commissioners		6,756 00	
Costs of Court		2,773 80	
Investigating Titles		1,681 75	
Advertising		685 84	
Notary Fees		57 00	
Postage		21 50	
			11,975 89
Damages paid in opening various streets and alleys—See pages 15 and 16 of this Report			39,755 94
Park Commissioner—			
Salaries of Commissioner, Superintendent and Clerks		7,045 43	
Printing and Stationery	254 85		
Postage	35 00		
Car Tickets	40 00		
Draughtsman's Supplies	9 50		
Horse Board	402 00		
Horseshoeing	32 25		
Harness and Vehicle Repairs	102 40		
Furniture and Repairs	53 75		
City Directory	6 00		
Buggy Hire	6 00		
Stenographer	7 50		
		949 25	
Horses		175 00	
Harness		30 00	
			8,199 68
Benton Park—			
Salary of Keeper		780 00	
Wages of Gardeners and Laborers		1,418 12	
Fuel		13 45	
Paint, Oil and White Lead		13 77	
Carpentry and Plumbing Repairs		93 00	
Gardeners' Tools and Supplies		167 33	
Gravel and Cement		6 00	
			2,491 67

Carondelet Park—			
Salary of Keeper	$ 845 00		
Wages of Gardeners and Laborers	3,528 76		
Fuel	4 94		
Forage	283 81		
Horseshoeing	46 45		
Harness and Vehicle Repairs	6 25		
Clay Pipe, Granitoid and Gravel	62 85		
Gardeners' Tools and Supplies	288 94		
Paints, Oil and Turpentine	20 98		
Mules	110 00		
		$ 5,197 98	
New Entrance		479 00	
			$ 5,676 98
Carr Square—			
Salary of Keeper		720 00	
Wages of Gardeners and Laborers		571 80	
Fuel		4 04	
Gardeners' Supplies		39 37	
Crushed Granite and Cinders		60 00	
			1,395 21
Forest Park—			
Salary of Keeper		900 00	
Wages of Overseer, Gardeners and Laborers		32,860 25	
Fuel		423 18	
Forage		1,531 34	
Horseshoeing		118 25	
Harness and Vehicle Repairing		249 38	
Gardeners' Supplies, Seed, Trees and Plants		1,532 49	
Hardware		217 70	
Lumber		476 82	
Cinders, Stone, Gravel, Cement and Novaculite		1,993 36	
Paint, Oil, White Lead, Turpentine, etc		350 44	
Plumbing and Repairs		19 18	
Animals		15 00	
Lighting		59 50	
New U. S. Flags and Awnings		24 50	
Fence and Repairs		57 95	
			40,829 84
Forest Park Boulevard			298 62
Fountain Park—			
Wages of Gardeners' and Laborers		563 50	
Fuel		4 09	
Gardeners' Tools and Supplies		24 25	
			591 84
Gamble Park—			
Salaries of Keeper	480 36		
Wages of Gardeners and Laborers	31 50		
Fuel	3 80		
Gardeners' Tools	8 84		
		524 50	
New Fence		749 58	
			1,274 08
Gravois Park—			
Salary of Keeper		540 00	
Wages of Gardeners and Laborers		358 00	
Fuel		3 80	
Gardeners' Tools and Supplies		64 90	
			966 70
Hyde Park—			
Salary of Keeper		780 00	
Wages of Gardeners and Laborers		1,236 25	
Fuel		3 99	
Gardeners' Tools and Supplies		154 03	
			2,174 27
Jackson Place—			
Salary of Keeper		600 00	
Wages of Gardeners and Laborers		66 00	
Fuel		4 47	
Gardeners' Tools and Supplies		22 55	
			693 02
Laclede Park—			
Salary of Keeper		600 00	
Laborers		377 09	
Fuel		3 80	
Lumber		13 40	
Gardeners' Tools and Supplies		12 70	
			1,006 99

Kenrick Garden—			
Wages of Gardeners and Laborers		$ 197 25	
Gardeners' Supplies		2 70	
			$ 199 95
Lyon Park—			
Salary of Keeper		676 39	
Wages of Laborers	$ 645 50		
Fuel	3 80		
Gardeners' Tools and Supplies	50 51		
		1,376 20	
New Fence		520 64	
			1,896 84
Lafayette Park —			
Salary of Keeper		1,200 00	
Salary of Bookkeeper		75 00	
Wages of Gardeners and Laborers		3,178 45	
Printing and Stationery		7 00	
Fuel, Forage and Ice		73 17	
Gardeners' Supplies		821 02	
Horse Board		216 00	
Horseshoeing		25 40	
Hardware, Plumbing, Carpentry and Lumber		1,671 39	
Harness and Vehicle Repairs		2 75	
Trees, Plants and Seeds		440 65	
Gravel, Sand and Cement		275 00	
			7,985 83
O'Fallon Park —			
Salary of Keeper		675 00	
Wages of Gardeners and Laborers		3,780 47	
Fuel		3 90	
Forage		217 19	
Gardeners' Tools and Supplies		360 00	
Horseshoeing		56 50	
Paint, Oil, White Lead and Turpentine		39 92	
Horses and Mules		115 00	
			5,247 98
St. Louis Place —			
Salary of Keeper	1,620 00		
Wages of Gardeners and Laborers	1,745 76		
Fuel	7 60		
Gardeners' Tools and Supplies	168 17		
Paint, Oil, White Lead, etc	4 10		
		3,545 63	
Music Stand		274 00	
			3,819 63
Tower Grove Park —			
Annual Appropriation			25,000 00
South St. Louis Square —			
Salary of Keeper		600 00	
Wages of Laborers		125 50	
Gardeners' Supplies		62 85	
Fuel		3 80	
			792 15
Washington Square —			
Salary of Keeper		330 00	
Wages of Gardeners and Laborers		1,437 91	
Paints, Oil, etc		8 50	
Gardeners' Supplies		474 69	
			2,246 10
Pay Roll, Account Special Fund			1,942 85
Plumbing Inspection Department —			
Salaries of Supervisor, Deputies and Clerks		9,539 88	
Printing and Stationery	243 60		
Postage	10 00		
Horse Board	216 00		
Horseshoeing	29 50		
Vehicle and Harness Repairs	75	499 85	
			10,039 73
Police Salaries, Board of Police Commissioners, Chief, etc.			
For Salaries of the Board of Police Commissioners, Chief, Assistant Chief, Chief of Detectives, Assistant Chief of Detectives, Inspector, Secretary of the Board, Captains, Sergeants, Secretary to the Chief, Superintendent Bertillon System, Lieutenants, Detectives, Patrolmen, Probationary Policemen and Turnkeys		1,361,128 14	
Emergency Police, during Car Strike		24,410 00	
			1,385,538 14

Police, all other salaries and current expenses —			
For salaries of Patrol Wagon Drivers, Telephone Operators, Matrons, Janitors, Carpenters, Blacksmith, Superintendent Mounted District Stables, Hostlers, Feeders, Drivers, Night Watchmen, Clerks, Messengers, Stenographers, Foreman, Janitresses, Painters and Electricians		$ 78,103 55	
For Horses		3,985 00	
Pasturage and Bedding	$ 687 25		
Forage	10,810 65		
Fuel	1,760 73		
Ice	784 69		
Vehicle and Harness Repairs	8,620 21		
Veterinary Service	$344 00		
Horseshoeing and Clipping	66 50		
Supplies for Blacksmith	344 69		
Hardware, Tools, Keys, Etc.	6,051 67		
Insurance	807 81		
Telegrams	235 50		
New Vehicles and Harness	114 00		
Postage	70 00		
Printing and Stationery	11,940 63		
Title Certificate	20 00		
City Directories	186 00		
Towels and Washing	1,174 39		
Meals	1,499 66		
Hauling Ashes	573 00		
Cleaning Rooms	153 50		
Telephone and Clock Rental	3,268 67		
Furniture and Repairs	3,443 22		
Rubber Stamps, Buttons, Stars and Shields	1,522 05		
Soap, Matches, Oil, Gasoline and Sponges	1,959 03		
Typewriters and Repairs	823 75		
Flags and Awnings	380 70		
Mayor's Fund — Pursuing Criminals	1,500 00		
Officers' Clothing, Damaged while on Duty	428 70		
Photographs of Criminals	1,696 50		
Oil, White Lead, Turpentine and Brooms	345 39		
Carpenter Work, Painting, Whitening	180 71		
Disinfectants	458 60		
Macadam and Clay Pipe	240 55		
Gas	126 90		
Trees, Seed, Etc.	264 19		
Horse Board	90 60		
Cleaning and Repairing Guns	484 65		
Annual Subscription to National Bureau of Identification	100 00		
Meals During Car Strike	4,910 00		
Court Costs	18 95		
Carriage Hire	12 00		
		68,449 54	
For Labor and Material for Necessary Repairs and Alterations of Station Houses and Stables —			
Station Houses —			
Plumbing and Heating	644 83		
Roof Repairs	688 76		
Glass, Putty and White Lead	179 18		
Plastering, Whitening, Painting and Papering	3,509 27		
Locks, Keys and Iron Work	612 56		
Stone and Brick Work	75 25		
Carpentry and Lumber	2,884 84		
Sand, Gravel, Cement, Lime and Granitoid	1,400 83		
		9,995 52	
Stables —			
Painting and Whitening	2,074 83		
Roof Repairs	122 71		
Hardware and Carpenter Work	1,823 20		
Lumber	3,087 96		
Plumbing	2,134 98		
Macadam, Sand, Cement and Brick	555 20		
		9,798 88	
Bills Unpaid at the beginning of the Fiscal Year.		17,878 78	
			$188,211 27
Police — Patrol Wagon System —			
For New Patrol Boxes in Underground District		12,260 00	
For Iron Pedestals for Patrol Boxes in Underground District		1,047 45	
For Betterments and New Work in all Districts		6,711 83	
For New Signal Boxes		4,390 00	
			24,409 28
Police — Erection of Station Houses and Stables and Purchase of Lots —			

For the purchase of a Building Site and erection of a New Station House and Patrol Stables in the 7th District		$ 18,938 37	
For building an Addition to the 9th District Station		3,885 21	
			$ 22,823 58
Poor House—			
Salaries of Superintendent and Employes		35,957 65	
Groceries and Provisions	$ 26,290 29		
Meat and Fish	24,585 52		
Bread	11,335 02		
Milk	4,755 81		
Ice	1,076 76		
Fuel	11,220 98		
Vegetables	202 70		
		79,447 08	
Drugs and Medicines	1,671 54		
Surgical Instruments	72 40		
		1,743 94	
Dry Goods, Clothing and Bedding	3,803 67		
Furniture and Repairs	385 45		
Slippers, Brogans and Shoes	940 58		
Sole Leather and Findings	256 64		
Glassware, Tinware, China and Kitchen Utensils	794 80		
Soap, Soda, Starch, Lye, etc	1,966 18		
Brooms, Brushes, Matches and Dusters	697 26		
New U. S. Flag	8 50		
Disinfectants	211 75		
		8,994 78	
Horseshoeing	82 33		
Harness and Vehicle Repairs	61 25		
Printing and Stationery	359 20		
Postage	64 00		
Car Tickets	50 00		
Telephone Rent	5 00		
Engineers' Tools and Supplies	365 85		
Gardeners' Supplies	195 13		
Lumber for Coffins	153 40		
City Directory	6 00		
Gravel and Sand	81 25		
Scale Repairs and Inspection	18 51		
		1,441 91	
Labor and Material for Repairs—			
Oil, Paint, White Lead, Turpentine, etc	400 74		
Sand, Lime, Brick and Cement	98 67		
Hardware and Roofing Material	484 15		
Plumbing and Steamfitting Supplies	1,284 38		
Lumber	427 93		
Carpentry and Electric Repairs	345 15		
Fuel	21 45		
Repairing Boilers and Laundry Machinery	817 84		
		3,875 31	
Bills Unpaid at the beginning of the Fiscal Year		3,317 04	
Superintendent's Traveling Expenses to Convention of Charitable Institutions		93 60	
Superintendent's Traveling Expenses to State Charitable Institutions		54 90	
			134,926 21
Poor House Bakery—			
Salaries of Baker and Assistants		2,672 42	
Forage	1,218 63		
Fuel	397 00		
Horseshoeing	51 91		
Harness and Vehicle Repairs	231 56		
Flour and Corn Meal	12,626 90		
Potatoes	1,490 26		
Yeast	266 55		
Lard, Sugar, Salt and Soda	2,341 79		
Hardware	118 70		
Reparing Oven	856 17	19,099 47	
			21,771 89
Poor House Dairy—			
Salaries of Dairymen		170 00	
Forage		65 54	
Hardware		1 20	
			236 74
Printing and Stationery for Mayor, Comptroller, Auditor, Register and Treasurer—			
Mayor—			
Printing and Stationery	229 05		
Advertising	146 99		
Postage	85 00		
City Directory	5 00		
Typewriter and Supplies	54 75		
		520 79	

Comptroller—			
Printing and Stationery	$ 1,791 99		
Postage	64 00		
City Directories	18 00		
Furniture and Repairs	2 66		
Advertising	434 50		
		$ 2,311 15	
Auditor —			
Printing and Stationery	963 35		
Postage	150 00		
City Directory	6 00		
		1,119 35	
Register —			
Printing and Stationery	10,494 35		
Postage	32 00		
Advertising	12,477 52		
Making Dies	228 80		
City Directories	12 00		
		23,244 67	
Treasurer —			
Printing and Stationery	276 65		
Postage	169 87		
City Directory	6 00		
Money Bags	6 50		
		459 02	
Compensation of the Reviser of Ordinances and Compiler of the Municipal Code		8,000 00	
			$30,654 98
Public Library — Special Fund —			
Salaries of Librarian, Assistant and Clerks		18,809 68	
Rent		4,375 00	
Electric Light and Power		14 50	
Ice, Towels and Washing		50 53	
Printing and Stationery		292 33	
Gould's City Blue Book		5 00	
Typewriter Repairs		17 45	
New Books, Papers, Magazines, Etc		7,935 38	
Bookbinding, Repairing and Supplies		2,487 49	
Furniture and Repairs		728 85	
Contingent Fund for Librarian		610 00	
Express Charges, Conveying Books		1,461 65	
Brooms, Dusters and Brushes		23 06	
Interest and Payment of Notes on Purchase of Property		33,838 75	
Insurance		222 50	
Telephone Rent		46 84	
			70,919 01
Quarantine and Smallpox Hospital —			
Salaries of Superintendent and Employes		8,449 75	
Groceries and Provisions	1,981 25		
Meat and Fish	2,551 98		
Vegetables and Fruit	556 56		
Milk	274 00		
Fuel and Ice	402 08		
Forage	678 68		
Horseshoeing	92 25		
Harness and Vehicle Repairs	104 10		
Telephone Rent	5 00		
Postage	16 00		
Printing and Stationery	30 00		
Hardware, Brooms and Cement	73 85		
Chinaware, Glassware and Tinware	105 85		
Soap	19 82		
Furniture	304 02		
Drugs and Medicines	358 07		
Dry Goods	107 11		
Oil, Lead, Turpentine and Paints	27 77		
Car Tickets	10 00		
		7,698 38	
Labor and Material for Repairs —			
Oil, Paint, Papering and Whitening	101 05		
Lumber	28 00		
Hardware	15 90		
Brick Work	90 00		
Machinery Repairs	163 00		
		397 95	
Infected Bedding and Clothing Destroyed		1,277 85	
Bills Unpaid at the beginning of the Fiscal Year		1,417 80	
			19,241 23
Real Estate Account —			
Rent	113 62		
Investigating Titles and Recording	22 35		
Advertising	69 14		
Auctioneer Service selling Engine House	75 00		
			280 11

For repairing and reconstructing Alleys and Sidewalks on Property Owned by the City—			
At various Engine Houses	$ 358 90		
Sidewalk repairs on various Blocks	127 71		
		$ 486 61	
Repairing Fence, Shade Trees and Seed on Indiana Avenue		494 21	
			$ 1,260 98
Recorder of Deeds—			
Salaries of Recorder and Employes		25,119 96	
" " Copyist		14,893 74	
Printing and Stationery	2,565 35		
Postage	40 00		
City Directories	18 00		
Telephone and Clock Rent	100 00		
Furniture and Repairs	2,502 46		
Advertising	45 13		
Printing and Stationery	240 00		
		5,510 94	
Moving from Court House to New City Hall		1,487 83	
			47,012 47
Reduction of Garbage			65,700 00
Removal of Garbage			127,200 00
Retained Percentage—			
Laclede Gas Light Co., Contract 5531		1,245 81	
Missouri Edison Electric Co., Contract 5532		2,025 86	
" " " " " 5533		3,415 21	
" " " " " 2176		25,000 00	
" " " " " 2178		25,000 00	
Metropolitan Improvement Co., " 4983		9,433 06	
Laclede Gas Light Co., " 5537		298 51	
			66,418 45
Repairs of Dykes, Wharf and River Bank—			
Salaries of Laborers		2,145 00	
Repairs to Wharf		19,770 03	
Brooms, Tools and Hardware		60 79	
			21,975 82
Relief of Various Persons—			
Relief Iron Mountain Co., Change of Grade South Broadway, opposite City Blocks 2859, 2860 and 2868		6,000 00	
Wm. Luke, Ordinance No. 20,322		370 00	
Herman Minges, Ordinance No. 20,323		21 62	
Nick Karr, Ordinance No. 20,335		259 65	
			6,651 27
Salaries of Mayor, Comptroller, Auditor, Register and Treasurer—			
Mayor's Office		9,000 00	
Comptroller's Office		24,900 00	
" " Temporary Clerks		1,792 50	
Auditor's "		21,131 17	
Register's "		9,869 75	
Treasurer's "		13,535 40	
			80,228 82
Scales—			
Bridge—			
Salary of Weigher and Assistant		1,599 96	
Repairs	5 00		
Printing and Stationery	7 75		
Fuel and Ice	14 04		
Inspection	10 00		
		36 79	
City Market—			
Salary of Weigher		900 00	
Repairs	34 24		
Printing and Stationery	60		
Ice and Fuel	9 57		
Inspection	2 00		
		46 41	
North Levee—			
Salary of Weigher		999 96	
Fuel and Ice	6 92		
Inspection	2 00		
		8 92	
South Levee—			
Salary of Weigher		999 96	
Repairs			
Fuel and Ice	8 35		
Inspection	4 00		
Furniture and Repairs	3 40		
Printing and Stationery	1 85		
		17 60	

Thorp Scales—			
Salary of Weigher		$ 249 95	
Repairs	$ 42 30		
Inspection	6 00		
Printing and Stationery	3 95		
		52 25	
Soulard—			
Inspection	2 00		
Printing and Stationery	6 41	8 41	
			$ 4,920 21
Scavenger Dumps—Construction and Repairs—			
Wages of Carpenters and Laborers		1,155 00	
Repairs to Dump Boats		1,862 18	
Lumber		50 50	
Oil, White Lead, Turpentine, etc		185 47	
			3,253 15
Scavenger Dumps—Salaries and Current Expenses—			
Salaries of Superintendent and Watchmen		6,399 96	
Fuel and Ice	60 44		
Salt, Oil and Rope	121 07		
Repairing Pumps	16 65		
Hardware	106 84	305 00	
			6,704 96
Sewer Contract Account—			
Work done under Ordinance No. 19,921		835 88	
" " " " 19,869		14,324 93	
" " " " 19,870		27,444 76	
" " " " 19,856		160 21	
" " " " 19,922		529 99	
Work done under Ordinance No. 18,167 under Judgment rendered by Supreme Court		3,857 72	
			47,153 49
Sewers—Salaries, current Expenses and Repairs—			
Salaries of Commissioner and Employes		30,362 58	
Wages of Laborers and Carts	24,005 00		
Wages of Sewer Cleaners	7,200 00		
Draughtsman and Surveyors' Supplies	335 46		
Tools and Repairs	216 75		
Horse Board	648 00		
Horseshoeing	80 65		
Harness and Vehicle Repairs	122 50		
Printing and Stationery	833 52		
Postage	5 00		
Car Tickets	240 00		
Furniture and Repairs	14 25		
Rubber Boots	289 68		
City Directory	6 00		
Telephone Rent	100 00		
Fuel and Ice	50 30		
Dump Tickets	20 00		
Repairs to Sewers, under Ordinance No. 19,991	31,144 86		
		65,311 97	
Mill Creek Sewer, under Ordinance No. 20,097		4,558 02	
			100,282 57
Sprinkling Streets—			
Sprinkling in District No. 1	3,255 10		
" " 2	3,485 92		
" " 3	2,685 85		
" " 4	2,823 29		
" " 5	3,981 82		
" " 6	3,977 96		
" " 7	4,658 62		
" " 8	3,845 98		
" " 9	4,164 39		
" " 10	3,749 72		
" " 11	4,310 97		
" " 12	5,245 79		
" " 13	2,057 93		
" " 14	2,258 83		
" " 15	3,293 66		
" " 16	5,909 42		
" " 17	3,719 06		
" " 18	2,357 90		
" " 19	2,432 11		
" " 20	2,836 74		
" " 21	2,830 86		
" " 22	2,289 23		
" " 23	1,618 02		
" " 24	2,800 00		
" " 25	2,183 85		
" " 26	3,611 43		
" " 27	2,151 77		

Sprinkling in District No. 28			$ 2,275 57	
" " 29			2,314 89	
" " 30			2,959 89	
" " 31			2,114 04	
" " 32			2,664 28	
" " 33			2,710 76	
" " 34			2,104 66	
" " 35			2,312 67	
" " 36			5,354 98	
" " 37			3,742 21	
" " 38			1,420 77	
" " 39			2,835 00	
" " 40			2,007 55	
" " 41			2,800 36	
" " 42			2,926 76	
" " 43			3,736 52	
" " 44			3,983 00	
" " 45			2,769 59	
" " 46			2,606 48	
" " 47			2,445 31	
" " 48			2,728 99	
" " 49			2,579 54	
" " 50			2,971 60	
" " 51			2,884 20	
" " 52			2,270 25	
" " 53			3,403 09	
" " 54			2,363 09	
Hire of Wagons			586 00	
				$ 166,619 82
Special Tax—Reconstructing Streets—				
Easton Avenue	Ord. No.	20,064		337 18
Manchester Avenue	"	20,087		470 00
"	"	20,084		283 00
Street and Alley Contract Account—				
Improving Crosswalks	Ord. No.	19,437	$ 298 39	
" Crosswalks	"	19,438	125 29	
" Garfield Avenue	"	19,444	159 80	
" Garrison Court	"	19,445	431 97	
" Cherokee Street	"	19,577	215 00	
" Papin Street	"	19,637	755 18	
" Rutger Street	"	19,639	381 66	
" Flad Avenue	"	19,691	247 63	
" Page Boulevard	"	19,697	239 14	
" Labadie Avenue	"	19,750	200 82	
" Vandeventer Avenue	"	19,751	246 00	
" Arkansas Avenue	"	19,759	117 60	
" Aubert Avenue	"	19,760	695 30	
" Bayard Avenue	"	19,761	1,933 88	
" Euclid Avenue	"	19,762	587 05	
" Ninth Street	"	19,764	188 83	
" Sarah Street	"	19,766	781 13	
" Ferry Street	"	19,805	1,110 98	
" Cottage Avenue	"	19,855	263 75	
" Alley, Block No. 4918,	"	20,001	146 28	
" " " 1381,	"	20,002	63 84	
" " " 1820,	"	20,003	22 00	
" " " 1356,	"	20,004	169 74	
" " " 1350,	"	20,005	51 00	
" " " 1435,	"	20,006	118 75	
" " " 1512,	"	20,007	16 00	
" " " 1516,	"	20,008	156 69	
" " " 1849,	"	20,010	95 00	
" " " 1870,	"	20,011	79 00	
" " " 1926,	"	20,012	59 00	
" " " 1988,	"	20,014	32 00	
" " " 2098,	"	20,015	83 34	
" " " 2113,	"	20,016	177 98	
" " " 2260,	"	20,018	73 50	
" " " 2331,	"	20,019	23 80	
" " " 2427,	"	20,020	68 00	
" " " 2410,	"	20,021	227 36	
" " " 2431,	"	20,022	23 40	
" " " 2444,	"	20,023	174 00	
" " " 2476,	"	20,024	110 00	
" " " 2477,	"	20,025	48 10	
" " " 2480,	"	20,026	75 68	
" " " 3644,	"	20,027	42 50	
" " " 3661,	"	20,028	24 50	
" " " 3662,	"	20,029	55 20	
" " " 3665,	"	20,030	131 10	
" " " 3666,	"	20,031	30 00	
" " " 3678,	"	20,032	153 55	
" " " 3701,	"	20,033	108 10	
" " " 3702,	"	20,034	106 72	
" " " 3724,	"	20,038	57 00	
" " " 3742,	"	20,039	35 00	

Improving S., E. and W. Alley, Block No. 3764, Ordinance No. 20,040		$ 45 00	
Improving N. and S. Alley, Block No. 3764, Ordinance No. 20,041		195 50	
Improving Alley, Block No. 3910, Ord. No. 20,042		84 00	
" " " 4569, " 20,043		45 00	
" " " 4841, " 20,044		92 00	
" " " 4844, " 20,045		195 50	
" " " 2116, " 20,089		112 64	
" " " 3538, " 20,091		79 86	
" " " 3664, " 20,092		12 50	
" " " 3708, " 20,093		87 40	
" " " 1871, " 20,094		30 00	
" Iowa Avenue. ..... " 20,156		216 00	
" Union Boulevard..... " 20,158		115 06	
" " " .... " 20,159		432 81	
			$ 13,560 10
Street Bridges and Culverts — Miscellaneous Repairs —			
Salaries of Engineers and Surveyors		3,824 96	
Wages of Laborers and Teams	$ 17,517 70		
Tools and Repairs	343 51		
Lumber	4,211 97		
Oil, Alcohol, etc.	533 50		
Clay Pipe, Sand, Cement, Piling, Macadam	2,960 12		
Steam Columns, Beams and Hardware, etc	4,356 73		
Testing	5 00		
		29,928 53	
Printing and Stationery	48 12		
Draughtsmen's Supplies and City Directory	167 11		
Car Tickets	75 00		
Postage	12 00	297 39	
			34,050 88
Street Cleaning — Floating Dumps —			
Salaries of Watchmen		5,400 00	
Wages of Laborers and Carts	3,192 25		
Docking and Repairing	111 70		
Lumber	150 06		
Fuel and Ice	50 76		
Hardware, Oil, Salt, Oakum and Rope	207 75	3,712 51	
			9,112 51
Street Cleaning — Block System —			
Wages of Foreman, Laborers and Carts			11,998 50
Street Cleaning — Labor and Carts —			
Wages of Laborers and Hire of Teams in 1st Dist.		11,993 59	
" " " " 2d Dist.		14,665 61	
" " " " 3d Dist.		17,931 65	
" " " " 4th Dist.		12,392 95	
			56,983 80
Street Cleaning — Stone, Wood, Block and Asphalt Pavements —			
Sweeping and Cleaning under Contract 4983		21,559 87	
" " " Ord. No. 20,048		29,200 99	
Wages of Laborers, Ord. No. 20,048		3,051 67	
			53,812 53
Street Commissioner's Department —			
Salaries of Commissioner and Employes		46,405 88	
Salaries of Superintendent and Inspectors of Sprinkling		16,525 84	
Printing and Stationery	1,607 55		
Postage	30 00		
Car Tickets	80 00		
Telephone and Clock Rental	484 26		
Maps and City Directory	168 33		
Engineers and Draughtsmen's Supplies	922 55		
Horse Board	3,982 06		
Horseshoeing	138 87		
Horse and Vehicle Hire	57 85		
Horse Clipping and Veterinary Service	33 50		
Horse	99 00		
Harness and Vehicle Repairs	387 30		
New Buggy	150 00		
Furniture and Repairs	125 80		
		8,267 07	
Street Sprinkling Account —			
Horse Board	1,144 37		
Printing and Stationery	306 50		
Telephone Rental	52 50	1,503 37	
			72,702 16
Street Grades and Surveys —			
Salaries of Engineers and Draughtsmen		6,860 00	
Horse Board	432 00		
Horseshoeing	63 34		

Horse Clipping	$ 5 00		
Harness and Vehicle Repairs	22 70		
Engineers' Supplies	49 89		
Printing and Stationery	62 20		
Horse and Vehicle Hire	4 50	$ 639 63	
			$ 7,499 63
Street Reconstruction—Contract Account—			
Reconstructing Manchester Ave., Ord. No. 20,085		335 18	
" " " " 20,312		149 88	
" " " " 20,313		140 23	
			625 29
Street Repairs—Macadam and Other Material—			
Macadam in A District	1,009 71		
" B "	861 24		
" C "	356 56		
" D "	3,478 90		
" E "	8,152 25		
" F "	4,756 61		
" G "	1,710 00		
" H "	5,514 09	20,389 36	
Work House District—			
Macadam in A District	803 27		
" B "	2,180 89		
" D "	747 04	3,731 20	
Screened Gravel—			
Screened Gravel in A District	818 57		
" " " B "	941 24		
" " " D "	2,098 64		
" " " E "	1,510 87		
" " " F "	46 10		
" " " H "	32 19	5,447 61	
Novaculite		424 73	
			29,942 90
Street Repairs—Miscellaneous Expenses—			
Wages of Laborers and Hire of Carts in 1st District	7,292 04		
Wages of Laborers and Hire of Carts in 2d District	8,119 96		
Wages of Laborers and Hire of Carts in 3d District	7,521 06		
Wages of Laborers and Hire of Carts in 4th District	7,463 85	30,396 91	
Rollers and Graders, Repairs	1,026 45		
Lumber	261 73		
Fuel	638 54		
Ice	25 85		
Boarding and Shoeing of Horses	2,130 32		
Rent of Offices for District Superintendents	900 00		
Nails, Tapers and Dynamite	1 80		
Oil and Waste	113 31		
Curb, Clay Pipe	77 21		
Brooms, Mops, Dusters, Lanterns and Sponges	112 12		
Printing and Stationery	105 55		
Furniture and Repairs	3 00		
Hardware	180 39		
Dump Checks	840 00		
New Rollers and Scrapers	1,600 00		
Street Signs	288 00	8,219 27	
Repairing Gutters, Curbs and Crosswalks—			
In District No. 1	8,856 35		
" " " 2	7,152 21		
" " " 3	6,808 47		
" " " 4	7,754 49	30,571 52	
			69,187 70
Street Repairs—Reconstructed Streets—			
Asphalt—semi-annual payments		4,825 20	
Wages of Laborers, Teams and Carts	24,781 42		
Taking up and Relaying Asphalt	2,426 14		
Macadam	121 00		
Cement, Asphalt, Lime, Rosin and Sand	3,519 43		
Wood	561 25		
Lumber Blocks	50 00		
Rent of Asphalt Plant, Tools and Repairs	760 65		
Dump Tickets	37 50		
Oil, Brooms, Mops, etc	26 95	32,284 34	
			37,109 54
Street Repairs Salaries—			
Wages of Superintendents and Laborers			44,763 17

Streets—Special and Temporary Service—			
Wages of Inspectors and Laborers			$ 46,235 91
Water Pipe Contract Account—			
Laying of Water Pipe in Sundry Streets—			
Under Ordinance No. 19,793	$ 6,637 09		
" " 19,512	475 85		
" " 19,968	38,575 86		
" " 19,967	13,992 25		
		$59,680 55	
Purchase of Water Pipe—			
Under Ordinance No. 19,966	218,320 16		
" " 19,967	183,577 49	401,897 65	
			461,578 20
Water Works—			
Commissioner's Office—			
Salaries of Commissioner and Employes	8,800 00		
Printing and Stationery	1,063 05		
Towels and Washing	4 07		
Sampling and Testing Coal	300 00		
Typewriter and Repairs	97 80		
Brooms, Brushes, Mops and Dusters	50 31		
Express Charges and Telegrams	62 69		
Furniture and Repairs	12 75		
City Directory	6 00		
Horse Board and Shoeing	240 00		
Traveling Expenses	156 15		
Advertising	35 10		
Telephone and Clock Rental	287 00		
Postage	42 00		
		11,156 92	
Distribution System—			
Salaries of Engineers and Draughtsmen	14,533 75		
Draughtsman and Surveyors' Supplies	383 89		
Printing and Stationery	119 46		
Car Tickets	110 75		
Horse Board	746 45		
Horseshoeing	88 40		
Harness and Vehicle Repairs	221 75		
Horse and Vehicle Hire	129 00		
Expenses to inspect pipes at various places	1,077 05		
		17,360 50	
Tap and Meter Department—			
Salary of Superintendent	9,448 00		
Meters and Repairs	971 68		
Taps, Stop Cocks, Dials and Wrenches	6,060 77		
Lead Pipe, Solder, Lumber and Brick	139 02		
Printing and Stationery	108 40		
Horse Board	848 59		
Horseshoeing	105 04		
Harness and Vehicle Repairs	55 45		
Towels and Washing	5 29		
Veterinary Service and Horse Clipping	33 00		
Horse and Vehicle Repairs	42 50		
Horse	125 00		
		17,942 74	
Settling Basins—			
Salaries of Superintendent and Keepers	66,246 88		
Printing and Stationery	52 80		
Car Tickets	80 00		
Horseshoeing and Forage	118 15		
Castings for Repairs	214 86		
Hardware, Spikes, Bolts, etc.	1,159 03		
Lumber and Railroad Ties	6,787 01		
Paints, Oil, Glass and Putty	98 91		
Clay Pipe, Brick, Gravel, Macadam and Cement	2,164 81		
Sole Leather, Brogans and Rubber Boots	1,041 49		
Scale Inspection	20 00		
Furniture and Repairs	56 80		
Traveling Expenses	865 04		
Vehicle Hire	100 00		
Retaining Wall, Earth Terrace and Steps	1,246 57		
Railing for Bridges	1,691 00		
Analysis of River Water	1,538 41		
Trees, Plants, Seeds, etc	388 10		
Horse	125 00		
New Scales	235 34		
		84,240 20	
Inspection—			
Salaries of Inspectors		11,677 26	
Storage Reservoir—			
Salaries of Superintendent and Keepers	8,446 25		

Coal and Ice	$ 56 27		
Lumber	5 50		
Oil, Turpentine, Paints and Brushes	91 10		
Clay Pipe, Gravel, Sand and Cement	91 61		
Hardware	140 45		
Seed	67 59		
		$ 8,898 77	
High and Low Service Engines—			
Salaries of Engineers, etc	163,590 75		
Coal	98,953 64		
Repairs of Engines, Machinery and Boilers	200 00		
Tools and Repairs	6,166 98		
Lumber	1,384 92		
Cement, Brick and Lime	593 06		
Iron Castings, Valves, Gaskets and Wire Rope	3,713 41		
Oil, Packing, Waste and Grease	8,493 10		
Hardware, Roofing Material and Surveyors' Material	1,892 48		
Paint, Oil, Varnish, Turpentine and White Lead	1,364 06		
Testing Coal	98 90		
Printing and Stationery	343 48		
Ice	507 48		
Furniture and Repairs	91 05		
Telephone Rent	135 00		
Car Tickets	35 00		
Mops, Soap, Towels, Brushes, etc	328 73		
Rent of Locomotive	5,475 00		
City Directory	6 00		
Carriage Hire	84 00		
Traveling Expenses of Inspectors	708 02		
Horse Board and Forage	46 07		
Disinfectants	114 25		
New U. S. Flag	20 00		
		284,249 43	
Street Service Department—			
Salaries of Superintendent, Keepers and Laborers	91,727 43		
Tools and Repairs	559 79		
Lumber	2,574 26		
Lead and Zinc	635 40		
Fire Plugs, Stems, Valves, Gaskets, etc	3,178 83		
Clay Pipe, Cement, Sand, etc	691 36		
Hardware	996 68		
Soap, Chamois, Sponges and Salt	70 90		
Oil, Paint, Putty and Packing	518 93		
Horseshoeing	301 67		
Forage and Bedding	1,255 24		
Printing and Stationery	181 55		
Rent of Pipe Yard	2,400 00		
Rubber Boots	33 60		
Car Tickets	340 00		
Fuel	416 86		
Ice	42 32		
Clock and Telephone Rent	167 29		
Towels and Washing	28 00		
City Directories	12 00		
Furniture and Repairs	77 70		
Harness and Vehicle Repairs	591 19		
Dump Tickets	155 50	106,951 50	
			$542,477 32
Water Works Extension—Salaries and Expenses—			
Salaries of Engineers, Draughtsmen and Surveyors		26,510 60	
Printing and Stationery		590 20	
Postage		16 00	
Car Tickets		165 00	
Engineers', Surveyors' and Draughtsmen's Supplies		560 67	
Fuel and Ice		57 49	
Oil, Brooms, Soap, Matches and Awnings		126 33	
Hardware		117 42	
Apparatus, Machinery and Chemicals		76 00	
Brick, Clay Pipe, Cement and Sand		10 69	
Lumber		20 00	
Towels and Washing		38 75	
Telephone Rent		135 35	
Horse Board		417 75	
Horseshoeing		39 20	
Harness and Vehicle Repairs		63 90	
Forage		148 48	
Testing, and Traveling Expenses of Inspector		965 39	
City Directory		6 00	
Horses		395 00	
			30,460 22

Water Works—Costs and Legal Expenses—			
Analysis of Water		$ 5,389 12	
Traveling Expenses and Express Charges		3,615 65	
Wages of Employes		14,474 79	
Hire of Horses and Wagons		875 00	
Furniture, Electric Light Fixtures, Ice and Chemicals		3,334 52	
Printing and Stationery		304 16	
			$ 27,993 24
Water Works Extension—			
Building, etc., at High Pumping Station No. 8, Ordinance No. 17,787		4,510 31	
Pumping Engines Nos. 8 and 9, Ordinance No. 18,562		8,704 80	
High Service Engines Nos. 7 and 8, Ordinance No. 17,006		20,711 26	
Stand Pipe, Compton Hill Reservoir, Ordinance No. 18,565		15,789 20	
Pumping Engines at High Service Pumping Station No. 8, Ordinance No. 19,630		114,593 56	
Pumping Station No. 8, Ordinance No. 18,563		734 75	
Construction of Bridges over Horse Creek, Ordinance No. 19,518		14,144 75	
Pumping Main No. 7, Ordinance No. 17,652		1,742 00	
High Service Pumping Engines Nos. 9 and 10, Ordinance No. 18,085		17,611 97	
Pumping Main No. 9, Ordinance No. 20,078		60,411 22	
Revetment of River Bank at Chain of Rocks, Ordinance No. 19,004		43,998 19	
			302,947 01
Water Works Reconstruction—			
Pumping Plant, High Service Station No. 1, Ordinance No. 18,994		59,114 25	
Witness and other fees—Special Fund		128 30	
Witness and other fees—Special Fund—Criminal Cases		5,678 44	
			64,920 99
Work House—			
Salaries of Superintendent, Guards and Foremen.		23,543 54	
Groceries and Provisions	$8,268 74		
Bread	6,966 77		
Meat	14,678 06		
Ice	194 59		
Fuel	1,975 23		
		30,083 39	
Drugs and Medicines	390 42		
Dry Goods and Clothing	1,612 51		
Soap, Brooms, Brushes, Oil, Mops, etc	1,044 51		
Sole Leather, Findings and Brogans	810 08		
Kitchen Utensils, Tinware, etc	690 61		
Disinfectants	125 00		
		4,673 13	
Forage		4,079 16	
Mules		500 00	
Guns, Ammunition, Tools and Powder	1,917 32		
Harness and Vehicle Repairs	369 29		
Printing and Stationery	69 48		
Seed, Chamois, Paints, Oil, etc	315 64		
Lumber	381 23		
Postage	10 00		
Scale Inspection	4 00		
Fuel	37 51		
		3,103 47	
Traveling Expenses to Convention of Charity Institutions		119 40	
Labor and Material for Repairs—			
Plumbing	80 16		
Lumber	447 50		
Oil, Paint, Glass, Brushes, Varnish, etc	512 53		
Lime, Cement and Sand	242 26		
Repairing Gutters and Roofs	355 18		
Hardware	315 42		
		1,953 05	
Bills Unpaid at the beginning of the Fiscal Year.		2,299 61	
			70,354 75
Total Amount of Warrants Drawn During the Fiscal Year ending April 8, 1901			$8,932,746 57

LEDGER BALANCES APRIL 8, 1901.

	Dr.	Cr.
F. W. Baum	$ 922 13	
James Garrity	5 25	
William G. Heitmeyer	1 00	
E. J. Moriarity	178 00	
S. F. Sailman	149 32	
M. E. Susisky	44,765 93	
General Bond Account, "City"		$ 16,066,278 30
Park Bond Account		1,900,000 00
St. Louis Gas Light Co. Judgment—Bond Account		950,000 000
Bills Receivable	9,283 44	
City of St. Louis	18,860,973 23	
Charles Scudder, Treas. University Scholarship Investment Account	7,000 00	
University Scholarship Investment Account		7,000 00
Treasury Warrant Account, "Old"		49 25
City Treasury Note, Issue 1873		36 00
Unclaimed Allowances on Estates under Sec. 237, R. S. 1899		64 55
Proceeds Sale of Unclaimed Merchandise under Sec. 6808 R. S. 1889		6 79
Sinking Fund		232,275 13
Warrant Account		159,307 31
General Account		1,707,228 32[08]
Charles Scudder, Treasurer	4,442,531 73	
Charles F. Wenneker, Collector—		
State Licences	3,000 00	
Licences, etc	79,018 03	
Wharfage	26,855 48	
Street Opening, Special Taxes	155,880 06	
Street Sprinkling, Special Taxes, 1900	32,501 03	
" " " " 1899	6,468 09	
" " " " 1898	8,171 11	
" " " " 1897	3,397 47	
" " " " 1896	2,225 64	
" " " " 1895	1,500 07	
" " " " 1894	1,151 74	
" " " " 1893	838 22	
" " " " 1892	854 18	
" " " " 1891	396 58	
" " " " 1890	181 33	
" " " " 1889	102 92	
" " " " 1888	61 86	
Boulevard Special Taxes	30,450 47	
Back Taxes, 1900		49,359 40[08]
" 1899	219,714 87[09]	
" 1898	119,864 08[92]	
" 1897	65,468 76[01]	
" 1896	40,423 14[05]	
" 1895	18,670 68[8]	
" 1894	9,538 82[8]	
" 1893	7,430 842	
" 1892	6,763 04	
" 1891	4,743 84	
" 1890	3,603 54	
" 1889	3,657 65	
" 1888	3,291 92	
" 1887	2,818 34[25]	
" 1885 and 1886	6,509 26[9]	
" 1884 and Prior Years	20,171 40[6]	
Delinquent Railroad Taxes, 1875 and Prior Years	156,417 43	
" Personal Taxes	362,758 79[6]	
Theo. Hemmelmann, Jr., Assessor and Collector Water Rates.	350,837 10	
Wm. H. Hahn, Recorder of Deeds		737 96
Henry Reinstedler, Marshal First District Police Court	29 50	
Henry Reinstedler, Marshal South St. Louis Police Court	2 50	
John C. Lyons, Inspector Weights and Measures	916 25	
Wm. J. Castanie, Inspector Boilers and Elevators	2,484 00	
C. F. Longfellow, Commissioner Public Buildings	881 00	
Max. Kaufman, Clerk Board of Health and Commissioner	140 00	
Henry Besch, Register	2 00	
Henry E. Haas, Clerk South St. Louis Police Court		1 50
Wm. Schaefer, Jr., Weigher North Levee Scales	64 00	
Jno. M. Seymour, Weigher South Levee Scales	55 40	
Elias Houser, Weigher Bridge Scales	231 40	
Julia Mack, Weigher City Market Scales	152 30	
Wm. Wedler, Weigher Thorp Scales	9 60	

John Ellspermann, Sr., Market Master and Weigher Soulard Market Scales	$ 195 40		
Jacob B. Evans, Market Master and Weigher South St Louis Market Scales	120 00		
National Bank of Scotland, Limited, London, England	33,232 86		
J. S. Morgan & Co., London, England	39,045 88		
National Bank of Commerce, New York	101,674 63		
National Bank of the Republic, New York	8,238 00		
Charles Scudder, Treasurer, Requisition Account	24,500 98		
Payment City Bonded Indebtedness Account		$	206,686 35
Interest and Public Debt Revenue			1,006,223 26
Municipal Revenue			28,595 65
Water Works Revenue			995,693 91
Harbor Fund			44,079 21
Opening Streets — Special Fund	367,725 55		
Street Sprinkling — Special Fund	56,437 25		
Boulevards — Special Fund	30,428 62		
Changing Street Grades — Special Fund	311 30		
Old County Claims			2,242 43
Redemption of Land sold for Taxes			235 71
Refunding Licenses and Taxes, Thirteenth Ward			83 95
Refunding Water Pipe — Special Taxes			862 94
North Wharf — Floating Debt			32 59
Retained Percentage, Contract No. 2700			16,646 41
" " " 5534			1,518 13
" " " 5585			3,735 54
" " " 5598			3,299 75
" " " 5803			8,216 53
" " " 5859			48 43
Erection of Hospital Buildings			340 76
Contract and other Deposits			66,443 62
Pay Roll Account — Special Fund			3,912 89
Public Library — Special Fund			8,114 57
Witness and other Fees — Special Fund			658 28
" " " " " Criminal Cases			803 50
Courts			650 00
Police — Erection of Station Houses and Stables and purchase of Lots			4,376 42
New City Hall — Furnishing			2,517 36
The State University-Scholarship Fund			42 68
" " " " " —Income Account			937 47
Erection of New City Hall, Ordinance No. 15,558, etc			4,108 19
Jail — Erection of Stable Ordinance No. 19,986			350 00
Erection of New City Hospital " 20,162			253,103 35
Erection of Elec. Plant at Water Works " 20,207			37,500 00
Purchase of Lot for Engine House " 14,990			2,000 00
" " " " 19,353			23,969 83
Relief of W. J. Walt " 18,381			1,950 00
" Hill-O'Meara Construction Co. " 18,821			369 74
" William Desmond " 19,716			971 30
" William Luke " 20,080			370 00
" Henry Stohl " 20,081			500 00
" C. J. and D. F. Behrens " 20,407			879 39
" Minnie L. Gross " 20,408			2,500 00
" Fred. W. Klusmeyer " 20,409			395 00
Opening Streets — Floating Debt			1,694 60
" Alley in Block No. 3052 Ordinance No. 15,102			284 76
" " " 3924 " 15,103			37 50
" Rappahannock Street " 15,312			11 35
" Wisconsin Avenue " 15,316			523 83
" Montgomery Street " 15,623			5 00
" Cottage Avenue " 15,624			33 00
" Alley in Block 2088 " 15,676			12 50
" " " 3757 " 15,678			27 50
" " " 3758 " 15,679			22 22
" " " 3906 " 15,681			22 50
" " " 2487 " 15,856			25 00
" " " 3307 " 16,046			25 00
" " " 3724 " 16,047			30 00
" " " 3759 " 16,049			300 00
" " " 2428 " 16,079			5 00
" " " 3037 " 16,081			25 00
" " " 4876 " 16,084			150 00
" " " 2320 " 16,182			15 00
" " " 1048 " 16,252			2 00
" St. Vincent Avenue " 16,403			4,304 10
" Alley in Block 2323 " 16,404			40 95
" " " 3006 " 16,411			230 90
" " " 4582-8 " 16,542			77 60
" Lucky Street Ordinance No. 16,779			25 20
" Washington Avenue " 17,093			375 00
" Howard Street " 17,271			31 00
" Delmar Avenue " 17,272			237 50
" Briggs Avenue " 17,357			1 00
" Forest Avenue " 17,358			1 00

Opening Skinker Road	Ordinance No.	17,359	$43 00
" Alley in Block 1428	"	17,364	14 50
" " " 2303	"	17,365	21 00
" " " 3762	"	17,366	60 00
" " " 3771	"	17,372	30 00
" Boyle Avenue	"	17,455	1 00
" Alley in Block 1982	"	17,478	30 00
" " " 3398	"	17,479	30 00
" " " 3770 S	"	17,480	19 00
" " " 1831 N	"	17,917	50 00
" Baldwin Street	"	17,938	2 50
" Belleglade Avenue	"	17,939	2 00
" Chippewa Street	"	17,940	24 00
" Hickory Street	"	17,942	1,500 00
" Ohio Avenue	"	17,943	30 00
" Whittier Street	"	17,945	2 00
" Alley in Block 3001	"	17,956	50
" Minnesota Avenue	"	18,178	87 00
" McPherson Avenue	"	18,180	1 00
" Alley in Block 3768 E	"	18,217	10 00
" " " 3768 W	"	18,218	7 00
" " " 2269	"	18,219	7 45
" Meramec Street	"	18,240	5 50
" Rutger Street	"	18,307	1,320 00
" Alley in Block 3785	"	18,360	49 25
" " " 3786	"	18,361	128 55
" Lucky Street	"	18,362	108 00
" Wisconsin Avenue	"	18,473	38 40
" North Market Street	"	18,490	245 05
" Alley in Block 3787	"	18,587	100 00
" " " 3788	"	18,588	303 00
" " " 3789	"	18,589	390 00
" " " 3791	"	18,590	640 25
" Ashland Avenue	"	18,597	832 00
" Alley in Block 2287	"	18,606	104 00
" " " 2970	"	18,687	60 00
" " " 2981	"	18,688	25 00
" " " 3921	"	18,689	93 20
" " " 3778	"	18,690	2 00
" " " 4576	"	18,693	846 00
" Cora Avenue	"	18,809	1 00
" Clara Avenue	"	18,842	1,920 00
" Alley in Block 3790	"	18,849	615 50
" " " 2199	"	18 850	3 00
" Belt Avenue	"	18,907	12 00
" Alley in Block 2952	"	19,146	24 00
" " " 4985	"	19,148	14 00
Widening McLaren Avenue	"	19,264	50 00
Opening Alley in Block 4526	"	19,344	97 00
" " " 3792	"	19,369	463 75
" " " 3793	"	19,370	66 10
" " " 3798	"	19,371	71 05
" " " 4913	"	19,378	1,226 85
" " " 4522	"	19,405	553 00
" " " 3797	"	19,414	168 55
" " " 4525	"	19,415	1,200 00
" " " 4531	"	19,416	200 00
" " " 3794	"	19,529	675 85
" " " 4527	"	19,530	29 80
" " " 4528	"	19,531	612 40
" Theodosia Avenue	"	19,532	1 00
" Alley in Block 3796	"	19,583	361 80
" " " 4914	"	19,584	273 75
" " " 3799	"	19,632	8 28
" " " 4513	"	19,633	160 00
" " " 3795 B	"	19,687	471 85
Widening Chippewa Street	"	19,731	57 00
Opening Union Avenue	"	19,736	7,000 00
Widening Broadway	"	19,798	30 00
" Alley in Blocks 3690 and 3691	"	19,799	576 40
Opening Louisiana Avenue	"	19,812	100 00
" Alley in Block 820	"	19,814	230 75
" " " 3902	"	19,818	663 70
" " " 4445	"	19,819	151 65
" " " 4895	"	19,821	263 00
Opening Alley in Block 1060	"	19,836	127 30
" " " 3805	"	19,862	1,519 50
" " " 4907 B	"	19,863	1,762 00
" " " 3976	"	19,864	423 03
" " " 5051 A	"	19,867	218 75
" " " 1453	"	20,049	529 75
" " " 1455	"	20,050	18 48
" " " 2054	"	20,051	29 90
" " " 2267	"	20,053	1,056 00
" " " 3714	"	20,054	827 17

Widening N. and S. Alley in Block 821 N.	Ordinance No.	20,057	$ 180 95
Opening Donovan Avenue	"	20,059	3,125 00
" Twenty-first Street	"	20,061	200 00
" Von Versen Avenue	"	20,062	14 00
" Alley in Block 3573	"	20,223	4,853 95
" " " 4530	"	20,224	165 00
" " " 2699	"	20,233	399 00
" " " 1257	"	20,248	605 75
" " " 3711 A	"	20,249	380 00
" " " 4505	"	20,250	1,350 50
" " " 4506	"	20,251	4,861 60
" " " 4557	"	20,252	1,809 00
" Terry Avenue	"	20,321	5,196 00
" Sullivan Avenue	"	20,347	14,257 00
Widening Twelfth Street	"	20,388	293,150 93
" Broadway	"	20,404	47,327 58
Improving Blair Avenue	"	19,634	540 00
" Whittier Street	"	19,669	603 75
" Lucky Street	"	19,677	70 00
" Jefferson Avenue	"	19,715	1,031 00
" Whittier Street	"	19,752	262 38
" Aubert Avenue	"	19,760	498 70
" Rutger Street	"	19,804	45 00
" E. and W. Alley in Block 266	"	19,843	29 00
" Pleasant Street	"	19,995	265 00
" Rutger Street	"	20,063	77 00
" Ninth Street	"	20,069	148 00
" Union Boulevard	"	20,157	2,308 00
" " "	"	20,158	3,534 94
" " "	"	20,159	748 19
" Grand Avenue	"	20,161	18 00
" W. E. W. Alley in Block 1748	"	20,231	15 00
" Alley in Block 2082	"	20,232	50 00
" " " 1238	"	20,336	120 00
" " " 1434	"	20,337	49 00
" " " 3754	"	20,338	66 00
" Allen Avenue	"	20,339	91 00
" Lee Avenue	"	20,368	48 00
Reconstructing Alley in Block 1984	"	19,654	52 00
" Jefferson Avenue	"	20,271	382 00
Reconstructing Jefferson Avenue	"	20,320	333 00
" Leffingwell Avenue	"	20,272	129 00
" Cherokee Street	"	20,403	307 00
" Park Avenue	"	20,276	212 00
" Chippewa Street	"	20,264	14 00
" St. Louis Avenue	"	20,277	145 00
" Easton Avenue	"	20,267	193 00
" Jefferson Avenue	"	20,306	139 00
" Jefferson Avenue	"	20,268	238 00
" Ewing Avenue	"	20,269	135 00
" Jefferson Avenue	"	20,270	16 00
Sewers —			
Dakota Street Sewer	"	19,869	3,743 89
Tower Grove Storm Sewer	"	19,870	1,501 24
Bridges and Culverts —			
Twelfth Street Bridge — Removal and Reconstruction	"	18,028	500 00
Clark Avenue Bridge	"	18,834	875 73
Special Tax —			
Reconstructing Seventh Street	"	19,941	229 00
" Twentieth Street	"	20,259	998 00
" Eleventh Street	"	19,960	103 00
" Easton Avenue	"	20,268	720 00
" Easton Avenue	"	20,064	97 82
" St. Louis Avenue	"	20,309	2,741 00
" Manchester Avenue	"	20,084	30 74
" Laclede Avenue	"	20,342	184 00
" Manchester Avenue	"	20,087	66 77
" Compton Avenue	"	20,405	176 00
" Dakota Street Sewer	"	20,168	2,400 00
" Osage Street	"	20,406	1,270 00
Water Works Extension —			
Purchase of Real Estate	Ordinances No.	16,352 and 17,308	31 00
Gate House, etc., at Inlet Tower, Chain of Rocks	"	16,486	5,568 75
High Service Engines Nos. 7 and 8	"	17,006	385 71
Pumping Engines Nos. 6 and 7	"	17,263	40,136 16
Foundation for engine, etc., at Baden	"	17,339	65,672 32
Coal and Material Yard at Chain of Rocks	"	17,340	3 03
Pump Main No. 7	"	17,052	80,348 97
Building, etc., High Service Pumping Station No. 3	"	17,737	2,867 43

High Service Pumping Engines, Nos. 9 and 10	Ordinance No.	18,085		$ 28,405 52
Pumping Engines Nos. 8 and 9	"	18,562		40,119 46
Pump Main No. 8	"	18,563		43,715 45
Stand Pipe at Compton Hill Reservoir	"	18,565		23,225 46
Revetment of River Bank, Chain of Rocks	"	19,004		45,461 63
Construction of Bridges for Water Works Switch Track over Horse Creek, etc.	"	19,513		15,855 25
Pumping Engines at High Service Pumping Station No. 8		19,630		94,241 86
Pump Main No. 9	"	20,078		189,588 78
Purchase of Real Estate	"	20,397		50,000 00
Extension of Water Distribution System —				
Laying Water Pipe	"	18,067		17,639 03
" " "	"	19,367		8,147 62
" " "	"	19,512		9,224 53
" " "	"	19,793		14,862 92
" " "	"	19,967		35,430 26
" " "	"	19,968		19,717 90
" " "	"	20,317		50,000 00
Water Pipe Valves, Fire Plugs, etc	"	19,381		3,467 38
" " " " " "	"	19,511		5,507 31
" " " " " "	"	19,966		21,679 84
" " " " " "	"	20,387		175,000 00
Water Works Reconstruction —				
Boiler Plant at High Service Pumping Station No. 1	Ordinance No.	17,651		25,102 21
Pumping Plant at High Service Pumping Station No. 1	"	18,994		387,366 42
Erection of Machine Shop, etc., and Reconstruction of Boiler House Roof of High Service Station No. 1	"	20,392		81,000 00
			$25,784,726 28[85]	$25,784,726 28[85]

REVENUE FUNDS.

INTEREST AND PUBLIC DEBT REVENUE.

CR.

By Balance, April 10, 1900	$ 956,082 20	
" Receipts during Fiscal Year	1,250,853 39	
" Unexpended balance of Appropriation	1,337 67	
		$ 2,208,223 26

DR.

To Appropriation during Fiscal Year	1,202,000 00
Balance, April 8, 1901	$ 1,006,223 26

MUNICIPAL REVENUE.

CR.

By Balance, April 10, 1900	$ 219,693 23	
" Receipts and Transfers during Fiscal year	5,999,487 62	
" Unexpended balances of Appropriations	106,626 21	
		$ 6,325,807 06

DR.

To Appropriations and Transfers during Fiscal Year	6,297,211 41
Balance, April 8, 1901	$ 28,595 65

WATER WORKS REVENUE.

CR.

By Balance, April 10, 1900	$ 920,864 30	
" Receipts and Transfers during Fiscal Year	1,620,873 51	
" Unexpended balances of Appropriation	31,028 22	
		$ 2,572,766 03

DR.

To Appropriations and Transfers during Fiscal Year	1,577,072 12
Balance, April 8, 1901	$ 995,693 91

HARBOR FUND.

CR.

By Balance, April 10, 1900	$ 41,757 28	
" Receipts during Fiscal Year	60,757 71	
" Unexpended balances of Appropriations	6,334 71	
		$ 108,849 70

DR.

To Appropriations during Fiscal Year	64,770 49
Balance, April 8, 1901	$ 44,079 21

BANK ACCOUNTS.

NATIONAL BANK OF SCOTLAND, LIMITED, LONDON, ENGLAND.

DR.

To Balance, April 10, 1900	$ 35,159 20	
" Remittances during Fiscal Year	53,531 50	
		$ 88,690 70

CR.

By Coupons Paid during Fiscal Year	$ 55,176 44	
" Commissions Allowed	275 35	
" Postage Allowed	5 55	
		55,457 84
Balance to Credit of City, April 8, 1901		$ 33,232 86

J. S. MORGAN & CO., LONDON, ENGLAND.

DR.

To Balance, April 10, 1900	$ 43,362 15	
" Interest on Cash Balances	836 60	
		$ 44,198 75

CR.

By Bonds Paid during Fiscal Year	$ 5,000 00	
" Coupons Paid during Fiscal Year	125 00	
" Commissions allowed	26 25	
" Postage Allowed	1 62	5,152 87
Balance to Credit of City, April 8, 1901		$ 39,045 88

NATIONAL BANK OF COMMERCE IN NEW YORK.

DR.

To Balance, April 10, 1900	$ 116,742 07	
" Remittances during Fiscal Year	573,685 03	
		$ 690,427 10

CR.

By Bonds Paid during Fiscal Year	$ 17,000 00	
" Coupons Paid during Fiscal Year	463,768 78	
" Interest Paid on Registered Bonds	107,387 02	
" Commissions Allowed	596 67	588,752 47
Balance to Credit of City, April 8, 1901		$ 101,674 63

THE NATIONAL BANK OF THE REPUBLIC IN THE CITY OF NEW YORK.

DR.

To Balance, April 10, 1900	$ 8,352 00	
" Remittances during Fiscal Year	14,100 00	
		$ 22,452 00

CR.

By Coupons Paid during Fiscal Year	$ 13,920 00	
„ Interest Paid on Registered Bonds	300 00	14,220 00
Balance to Credit of City, April 8, 1901		$ 8,232 00

STATEMENT OF CITY'S BONDED DEBT ON APRIL 8th, 1901.

BONDS ISSUED BY THE CITY FOR GENERAL PURPOSES AND TO REDEEM MATURING BONDS.

Authority for Issue.	Amount Issued.	When Issued.	Rate of Interest.	Years to Run.	When Due.	Amount of Bonds Canceled	Bonds when Canceled.	Annual Interest Due on Principal.	Amount of Principal Outstanding.
Ordinance No. 5,780	$ 245,000	April 10, 1866	6 per cent.	40	April 10, 1906			$ 14,700 00	$ 245,000 00
" 13,932	2,231,000	June 25, 1887	3½ "	20	June 25, 1907	$ 6,000 00	Mar. 30, 1889	81,212 50	2,225,000 00
" 13,932 and 14,046	388,000	June 25, 1887	3½ "	20	June 25, 1907			14,162 00	388,000 00
" 13,932 and 14,046	231,100	June 25, 1887	3½ "	20	June 25, 1907			8,435 15	231,000 00
" 13,932 and 14,046.	1,559,000	April 10, 1888	4 "	20	April 10, 1908			62,360 00	1,559,000 00
" 14,347	1,985,000	July 1, 1888	4 "	30	July 1, 1918			79,400 00	1,985,000 00
" 15,061	275,000	Aug. 1, 1889	3½ "	30	Aug. 1, 1919			9,625 00	275,000 00
" 15,367	12,000	June 2, 1890	3½ "	30	June 2, 1920			420 00	12,000 00
" 15,367, 15,559, etc.	£ 513,700	Nov. 2, 1891	4 "	20	Nov. 2, 1911	2,433 25	Nov. 6, 1896	99,899 51	2,497,487 80
" 16,685	$1,155,000	Nov. 1, 1892	4 "	20	Nov. 1, 1912			46,200 00	1,155,000 00
" 17,253	£ 257,000	Oct. 2, 1893	4 "	20	Oct. 2, 1913			50,027 62	1,250,690 50
" 17,445	$2,000,000	June 1, 1894	4 "	20	June 1, 1914			80,000 00	2,000,000 00
" 18,018	975,000	May 1, 1895	3½ "	20	May 1, 1915			35,587 50	975,000 00
" 19,409 and 19,426.	593,000	June 1, 1898	3½ "	20	June 1, 1918			20,755 00	593,000 00
" 19,516	675,000	Dec. 1, 1898	3½ "	11	Dec. 1, 1909			23,625 00	675,000 00
								$ 626,409 28	$16,066,278 30

FOR ST. LOUIS GAS LIGHT COMPANY—JUDGMENT.

Ordinance No. 13,279	$ 950,000	June 1, 1885	4 per cent.	20	June 1, 1905			$ 38 000 00	$ 950 000 00

BONDS ISSUED BY OLD COUNTY OF ST. LOUIS.

FOR FOREST PARK.

Authority for Issue.	Amount Issued.	When Issued.	Rate of Interest.	Years to Run.	When Due.	Annual Interest Due on Principal.	Amount of Principal Outstanding.
State Act, February 2, 1875, and Order of County Court, February 18, 1875.	$1,300,000	April 1, 1875.	6 per cent.	30	April 1, 1905.	$78,000 00	$1,300,000 00

FOR O'FALLON PARK.

State Act, March 12, 1875, and Order of County Court, February 18, 1875.	400,000	April 1, 1875.	6 per cent.	30	April 1, 1905.	24,000 00	400,000 00

FOR CARONDELET PARK.

State Act, March 12, 1875, and Order of County Court, February 18, 1875.	200,000	April 1, 1875.	6 per cent.	30	April 1, 1905.	12,000 00	200,000 00

RECAPITULATION OF CITY'S BONDED DEBT.

General Bond Account—"City"		
Renewal Bonds and for Other Purposes	$16,066,278 30	
St. Louis Gas Light Company—Judgment	950,000 00	
		$17,016,278 30
General Bond Account—"County"—		
Park Bonds		1,900,000 00
		$18,916,278 30

STATEMENT OF CITY'S BONDED DEBT ON APRIL 8th, 1901.

BONDS ISSUED BY THE CITY FOR GENERAL PURPOSES AND TO REDEEM MATURING BONDS.

Authority for Issue.	Amount Issued.	When Issued.	Rate of Interest.	Years to Run.	When Due.	Amount of Bonds Canceled	Bonds when Canceled.	Annual Interest Due on Principal.	Amount of Principal Outstanding.
Ordinance No. 5,780	$ 245,000	April 10, 1866	6 per cent.	40	April 10, 1906			$ 14,700 00	$ 245,000 00
" 13,932	2,231,000	June 25, 1887	3.65 "	20	June 25, 1907	$ 6,000 00	Mar. 30, 1889	81,212 50	2,225,000 00
" 13,932 and 14,046	388,000	June 25, 1887	3.65 "	20	June 25, 1907			14,162 00	388,000 00
" 13,932 and 14,046	231,100	June 25, 1887	3.65 "	20	June 25, 1907			8,435 15	231,000 00
" 13,982 and 14,046.	1,559,000	April 10, 1888	4 "	20	April 10, 1908			62,360 00	1,559,000 00
" 14,347	1,985,000	July 1, 1888	4 "	30	July 1, 1918			79,400 00	1,985,000 00
" 15,061	275,000	Aug. 1, 1889	3.50 "	30	Aug. 1, 1919			9,625 00	275,000 00
" 15,367	12,000	June 2, 1890	3.50 "	30	June 2, 1920			420 00	12,000 00
" 15,367, 15,559, etc.	£ 513,700	Nov. 2, 1891	4 "	20	Nov. 2, 1911	2,433 25	Nov. 6, 1896	99,899 51	2,497,487 80
" 16,685	$1,155,000	Nov. 1, 1892	4 "	20	Nov. 1, 1912			46,200 00	1,155,000 00
" 17,253	£ 257,000	Oct. 2, 1893	4 "	20	Oct. 2, 1913			50,027 62	1,250,690 50
" 17,445	$2,000,000	June 1, 1894	4 "	20	June 1, 1914			80,000 00	2,000,000 00
" 18,018	975,000	May 1, 1895	3.65 "	20	May 1, 1915			35,587 50	975,000 00
" 19,409 and 19,426.	593,000	June 1, 1898	3.50 "	20	June 1, 1918			20,755 00	593,000 00
" 19,516	675,000	Dec. 1, 1898	3.50 "	11	Dec. 1, 1909			23,625 00	675,000 00
								$ 626,409 28	$16,066,278 30
FOR ST. LOUIS GAS LIGHT COMPANY—JUDGMENT.									
Ordinance No. 13,279	$ 950,000	June 1, 1885	4 per cent.	20	June 1, 1905			$ 38 000 00	$ 950,000 00

BONDS ISSUED BY OLD COUNTY OF ST. LOUIS.

FOR FOREST PARK.

Authority for Issue.	Amount Issued.	When Issued.	Rate of Interest.	Years to Run.	When Due.	Annual Interest Due on Principal.	Amount of Principal Outstanding.
State Act, February 2, 1875, and Order of County Court, February 18, 1875.	$1,300,000	April 1, 1875.	6 per cent.	30	April 1, 1905.	$78,000 00	$1,300,000 00

FOR O'FALLON PARK.

State Act, March 12, 1875, and Order of County Court, February 18, 1875.	400,000	April 1, 1875.	6 per cent.	30	April 1, 1905.	24,000 00	400,000 00

FOR CARONDELET PARK.

State Act, March 12, 1875, and Order of County Court, February 18, 1875.	200,000	April 1, 1875.	6 per cent.	30	April 1, 1905.	12,000 00	200,000 00

RECAPITULATION OF CITY'S BONDED DEBT.

General Bond Account—"City"		
Renewal Bonds and for Other Purposes	$16,066,278 30	
St. Louis Gas Light Company—Judgment	950,000 00	
		$17,016,278 30
General Bond Account—"County"—		
Park Bonds		1,900,000 00
		$18,916,278 30

TREASURER'S ANNUAL REPORT.

FINANCIAL EXHIBIT

OF

RECEIPTS AND DISBURSEMENTS

OF THE

CITY OF ST. LOUIS,

For the Fiscal Year Ending April 8th, 1901.

CHARLES SCUDDER,

TREASURER.

ANNUAL REPORT.

ABSTRACT OF RECEIPTS AND EXPENDITURES OF THE CITY TREASURER,

FOR THE FISCAL YEAR ENDING APRIL 8, 1901.

Dr. 1901.				1901	DISBURSEMENTS.	*Cr.*
April 10	To Balance at end of Last Fiscal Year		$3,781,721 16	April 8.	By assessment of revenue	$ 73,401 69
	Receipts of Assessor and Collector of Water Rates	$1,607,168 82			Assessor and Collector of Water Rates	60,147 55
	Collector of Revenue	6,804,968 87			Board of Engineers and Boiler Inspector	11,964 88
	Recorder of Deeds	39,486 40			Board of Health and Commissioner	107,549 19
	Marshal	7,709 50			Board of Public Improvements—President's Department	43,423 79
	Inspector of Weights and Measures	9,760 25			Catching and Killing Dogs	6,000 00
	" of Boilers and Elevators	14,144 00			City Dispensary	44,174 23
	Health Commissioner	21,925 18			City Hall—Repairs and Alterations	489 57
	Clerk of Board of Health	989 00			" " Salaries and Current Expenses	637 84
	Comptroller	197,074 87			City Hospital	119,705 30
	Commissioner of Public Buildings	8,987 00			Cleaning Levee and Removing Obstructions	11,042 44
	" " Supplies	18,241 13			Commissioner of Public Buildings	17,132 91
	Clerk of the Circuit Court	14,223 36			Commissioner of Supplies	15,108 01
	" " Probate "	31,606 83			Contingent Fund	31,782 49
	" " Court of Criminal Correction	5,691 00			Contract and other deposits	535,489 23
	" " 1st District Police Court	48 00			Coroner	18,144 54
	" " 2nd " " "	10 00			Costs and Legal Expenses	38,789 33
	" " So. St. Louis " "	31 00			Court House—Repairs and Alterations	764 38
	" " 1st District Justice "	192 25			Court House—Salaries and Current Expenses	9,037 88
	" " 2nd " " "	97 65			Courts	248,813 27
	" " 3rd " " "	18 00			Election and Registration	92,749 95
	" " 4th " " "	74 30			Electric Light	23,899 43
	" " 4th " No.2 " "	41 00			Erection of New City Hall	11,583 00
	" " 5th " " "	115 00			Erection of Public Drinking Fountains	231 65
	" " 5th " No.2 " "	123 50			Erection of New City Hospital	4,869 20
	" " 6th " " "	110 55			Factory Inspection Department	67 74
	" " 7th " " "	79 20			Female Hospital	55,204 91
	" " 8th " " "	151 55			Fire Alarm Telegraph	74,877 85
	" " 9th " " "	257 45			Fire Department	668,447 52
	Constable of the 1st " "	2,411 66			Firemen's Pension Fund	7,310 66
	" " 2nd " " "	3,527 36			Four Courts Buildings—Repairs and Alterations	2,264 83
	" " 3rd " " "	3,424 78			Four Courts Building—Salaries and Current Expenses	13,234 36
	" " 4th " " "	4,504 31			Fund for numbering houses	1,040 00
	" " 4th " No.2 " "	2,270 77				
	" " 5th " " "	7,772 54				
	" " 5th " No.2 " "	5,394 19				
	" " 6th " " "	3,882 01				
	" " 7th " " "	3,708 13				
	" " 8th " " "	3,699 22				

		$3,781,721 16
Constable of the 9th District Justice Court	3,677 64	
Coroner	45 85	
House of Refuge Bakery	10,806 61	
Jailer	15 50	
Miscellaneous Accounts	159,890 91	
Park Commissioner	2,443 56	
Pay Rolls Surrendered	5,768 78	
Register	50 50	
Bridge Scales	1,591 00	
City Market Scales	1,766 00	
North Levee "	12 00	
South " "	286 80	
Soulard Market Scales	444 15	
South St. Louis "	185 00	
Thorpe "	54 40	
Sheriff "	2,316 46	
State of Missouri	39,697 74	
State University, Scholarship Fund	255 50	
Witness and other Fees—Special Fund—Criminal Cases	3,647 19	
Work House Superintendent	447 00	
Contract and Other Deposits	557,141 93	$9,613,917 15
		$13,395,638 31

Harbor and Wharf—Salaries and Current Expenses		11,811 60
Harbor Boat		16,178 36
House of Refuge		74,068 50
House of Refuge Bakery		11,128 81
Insane Asylum		114,885 55
Insurance		8,128 51
Inspector of Weights and Measures		7,861 96
Interest		782,457 15
Jail		40,445 13
Judgments		3,453 17
Jury and Witness Fees		39,744 98
Jury Commissioners		9,434 53
Law Department		17,280 50
License Commissioner		30,085 86
Lighting Public Buildings		80,642 62
Lighting Streets, Alleys, Parks and Public Places		409,651 54
Markets		6,591 27
Marshal's Office		23,614 82
Mayor's Contingent Fund		1,500 00
Milk Inspector		1,081 50
Morgue		6,136 34
Municipal Assembly		45,244 39
Music in Public Parks		5,929 50
New City Hall—Repairs and Alterations		1,599 59
New City Hall—Furnishing		867 66
New City Hall—Salaries and Current Expenses		19,609 22
Office Expenses for Mayor, Comptroller, etc		781 58
Opening Streets—Expenses		11,974 39
Opening Alley in Block 3805, Ord.	19,862	478 50
2992 "	19,142	9 00
3976 "	19,864	639 75
3974 "	19,529	119 60
4913 "	19,373	150 00
4914 "	19,584	218 75
4440 "	19,866	595 70
2063 "	20,052	900 00
4490d "	20,056	250 00
3796 "	19,583	161 05
3799 "	19,632	391 86
3789 "	18,589	25 00
2267 "	20,063	297 50
3769 "	17,871	30 00
4441 "	20,055	1,565 15
3795 "	19,687	419 40
1455 "	20,050	1,083 20
3982 "	19,818	110 00

ABSTRACT OF RECEIPTS AND EXPENDITURES—*Continued.*

			$ 13,395,638 31			
				Opening Alley in Block 3307	Ord. 16,046	$ 100 00
				1453	" 20,049	376 25
				821n	" 20,057	897 05
				3785	" 18,360	255 35
				3791	" 18,590	75 00
				2178	" 20,100	300 00
				3792	" 19,369	105 25
				4036	" 19,865	114 20
				4413	" 19,372	237 50
				3342	" 18,851	327 50
				3751	" 13,051	9 90
				3786	" 18,361	123 15
				2269	" 18,219	20 60
				2054	" 20,051	168 65
				3797	" 19,414	25 00
				4576	" 18,693	75 00
				4530	" 20,324	897 50
				3714	" 20,054	814 33
				3573	" 20,223	1,162 05
				1257	" 20,248	132 50
				2699	" 20 223	363 00
				3566	" 19,860	400 00
				Opening N. Market Street..	" 18,490	761 50
				Widening Alley in Blocks 3690 and 3691	" 19,799	91 75
				Opening Von Versen Ave..	" 20,062	6,222 00
				Opening Twenty-first Street	" 20,061	7,839 00
				Opening Spring Avenue....	" 20,060	840 00
				Opening Donovan Avenue.	" 20,059	3,000 00
				Opening Louisiana avenue..	" 17,921	900 00
				" Wisconsin avenue.	" 18,478	127 70
				Widening Ashland avenue.	" 18,597	139 00
				" Chippewa street.	" 19,731	78 00
				Opening Cora Arsenal street	" 18,809	500 00
				" Delaware street....	" 10,165	86 80
				" Belt avenue.....	" 18,907	1 00
				" Taylor avenue.....	" 20,234	1,811 20
				" Terry avenue ..	" 20,321	2,750 00
				" Alley in Block 4,506	" 20,251	137 50
				Park Commissioner	.....	8,285 18
				Pay Roll account—special fund.....		1,942 35
				Benton Park.....	.....	2,482 92
				Carondelet Park.....	.....	5,688 83
				Carr Square	.....	1 540 96
				Forest Park.....	.....	41,321 80
				Forest Park Boulevard	.....	298 62
				Fountain Park.....	.....	698 59
			$ 13,395,638 31			

		$18,395,638 31
Gamble Place	1,274 08	
Gravois Park	969 90	
Hyde Park	2,289 88	
Jacson Place	700 28	
Kendrick Garden	199 85	
Laclede Park	991 89	
Lafayette Park	7,363 89	
Lyon Park	1,896 84	
O'Fallon Park	5,247 98	
St. Louis Place	4,212 13	
South St. Louis Square	794 55	
Tower Grove Park	25,000 00	
Washington Square	2,250 15	
Plumbing Inspection Department	9,966 43	
Police—Salaries of Chief, etc	1,385,538 14	
Police—all other salaries, etc	185,104 00	
Police—erecion of station houses and purchase of lots	22,823 58	
Police—Patrol Wagon System	24,059 28	
Poor House	136,470 05	
Poor House Bakery	20,157 44	
Poor House Dairy	236 74	
Printing and Stationery for Mayor, etc.	28,498 82	
Public Library	69,296 91	
Quarantine and Smallpox Hospital	20,724 91	
Real Estate	1,257 64	
Recorder of Deeds	47,421 71	
Reduction of Garbage	65,700 00	
Relief of the Iron Mountain R. R. Co., Ordinance 20,206	6,000 00	
Relief of Herman Menges, Ord. 20,323,	21 62	
Relief of Wm. Luke " 20,322,	370 00	
Relief of Nic. Karr " 20,385,	259 65	
Removal of Garbage	145,039 72	
Retained Percentage—Contract No. 2,178	25,000 00	
Retained Percentage—Contract No. 2,176	25,000 00	
By Retained Percentage—Contract No. 5531	1,245 81	
Retained Percentage—Contract No. 5532	2,025 86	
Retained Percentage—Contract No. 5533	3,415 21	
Retained Percentage—Contract No. 4983	9,433 06	
Retained Percentage—Contract No. 5537	298 51	
Repairs of Dykes, Wharf and River Bank	21,975 82	
		$18,395,638 31

ABSTRACT OF RECEIPTS AND EXPENDITURES— *Continued.*

	$13,395,638 31		
		Salaries of Mayor, Comptroller, Auditor, Register and Treasurer	$ 80,228 82
		Scales	4,931 36
		Scavenger Dumps — Construction and Repairs	3,241 15
		Scavenger Dumps — Salaries and Current Expenses	6,704 96
		Sewer Contract	53,811 88
		Sewers, Salaries, Current Expenses and Repairs	104,295 63
		Special Tax — Reconstructing Easton Avenue, Ord. 20,064	337 18
		Special Tax — Reconstructing Manchester Avenue, Ord. 20,087	470 00
		Special Tax — Reconstructing Manchester Avenue, Ord. 20,084	283 00
		Sprinkling Streets, Ord. 14,911	204 00
		Sprinkling Streets, Ords. 14,375 and 15,375	166,619 32
		Street and Alley Contract	18,560 10
		Street Bridges and Culverts — Miscellaneous Repairs	33,505 64
		Street Cleaning — Block System	11,998 50
		" " Floating Dumps	9,104 96
		" " Labor and Carts	56,983 80
		" " Stone and Wood Blocks and Asphalt Pavements	58,812 53
		Street Commissioner's Department	72,278 19
		Street Grades and Surveys	7,824 05
		Street Reconstruction Contract	625 29
		Street Repairs — Macadam and other material	30,859 91
		Street Repairs — Miscellaneous Expenses	68,446 55
		Street Repairs — Reconstructed Sts	36,636 18
		Street Repairs — Salaries	44,763 17
		Streets — Special Service	46,235 91
		Water Pipe Contract	461,208 83
		Water Works	540,631 69
		Water Works — Costs and Legal Expenses	26,016 62
		Water Works Extension, Ord. 18,565 (Standpipe Compton Hill Reservoir.)	15,613 03
		Reconstructing Pumping Plant, Ord. 18,994 (High S. Pumping Sta. No. 1.)	59,117 95
	$13,395,638 31	High Service Engine 7 & 8, Ord. 17,006.	20,711 26

	$13,895,638 31	Pumping Engines, H. S. Pumping Sta. No. 3, Ord. 19,630	114,593 56	
		Pumping Engine, H. S. Nos. 8 & 10, Ord. 18,562	8,704 80	
		Cost of Bridges for W. W. Switch over Horse Creek, etc., Ord. 19,513	14,144 75	
		Water Works Extension — Pumping Main No. 9, Ord. 20,078	60,411 22	
		Pump Main No. 8, Ord. 18,563	734 75	
		Pump Main No. 7, Ord. 17,652	1,742 00	
		Revet. of River Bank, Chain of Rocks, Ord. 19,004	43,993 19	
		High Service, Engine Nos. 9 & 10, Ord. 18,085	17,611 97	
		By Buildings, etc., H. S. Pumping Station No. 3, Ordinance 17,737	4,978 45	
		Waterworks Extension—Salaries and Expenses	30,238 15	
		Welsbach Lamps—Maintaining	465 31	
		Witness and Other Fees—Special Fund	129 80	
		Witness and Other Fees—Special Fund —Criminal Cases	6,060 44	
		Work House	71,133 51	
				$8,963,106 58
		By Balance close Fiscal Year, April 8, 1901		4,442,531 73
	$13,895,638 31			$13,395,638 31

FINANCIAL EXHIBIT.

Balance close of Fiscal Year, April 9, 1900	$3,781,791 16	
Receipts during Year ending April 8, 1901	9,613,917 15	
		$13,395,638 31
Disbursements for Year ending April 8, 1901		8,953,106 58
Balance, April 8, 1901		$4,442,531 73

Consisting of—

In City Treasury Notes, old and new redeemed	$ 268 75	
" Checks received after bank hours	143,875 87	
" Bank Notes	13,898 00	
" Specie	2,316 25	Rate.
" American Exchange Bank	500,000 00	3.27 %
" Third National Bank	500,000 00	3.12 %
" State National Bank	500,000 00	3.10 %
" Merchants Laclede National Bank	500,000 00	3.01 %
" National Bank of Commerce	500,000 00	2.97 %
" Continental National Bank	500,000 00	2.51 %
" German American Bank	500,000 00	2.42 %
" Boatmen's Bank	500,000 00	2.10 %
" Franklin Bank	164,941 66	1.25 %
" Clearing House Account	117,231 20	
		$ 4,442,531 73

ANNUAL REPORT

OF THE

LICENSE COMMISSIONER

For the Fiscal Year ending April 8, 1901.

ST. LOUIS, April 22, 1901.

Hon. Rolla Wells, Mayor of the City of St. Louis:

MY DEAR SIR—I have the honor to submit herewith the Annual Report of this Department for the fiscal year ending April 8, 1901, showing the gross amount of licenses issued by the Department for the year, to be $806,050.50, being an increase over the preceding year of $60,438.25, divided as follows: —

Increase for the City	$26,268 00
Increase for the State and School	34,170 25
Total Increase	$60,438 25

The total expense of the Department for the year was $30,128.36, being a decrease of $1,930.96 in the expenses of the preceding year.

Gross amount of City Licenses issued by the Department for the fiscal year ending April 8th, 1901:—

Merchants		$209,820 90
Manufacturers		169,143 50
Vehicles		37,354 00
Bicycles		3,980 00
Dogs		2,632 00
Banks	$3,983 35	6,295 85
Financial Agents and Brokers	2,312 50	
Real Estate		4,081 80
Peddlers and Hawkers	9,833 85	10,965 10
Photographers	1,131 25	
Garbage		640 00
Insurance Companies		19,200 00
Stock Yards		150 00
Ordinaries		3,080 15
Merchandise Brokers		8,191 75
Commission Merchants		14,645 85
Hotels		1,948 00

Pawn Brokers		$5,400 00
Junk Wagons	$1,651 65	
Junk Shops	1,058 30	2,709 95
Fortune Tellers		450 00
Mercantile Agents		1,400 00
Auctioneers		2,700 00
Railroad Ticket Brokers		779 20
City Weigher		50 00
Theater, Exhibitions and Circus		1,500 00
Street Cars		21,425 00
Sales Stables		350 00
Intelligence Offices		1,350 00
Billiard and Pool Tables		730 00
Hotel Runners		310 00
Bill Posters		30 00
Shooting Galleries		68 75
Flying Horses		60 00
Engravers		100 00
Lumber Measurer		90 00
Vault Cleaner		200 00
Total for 1901		$531,331 80
" " 1900		505,563 80
Increase for 1901		$ 26,268 00

Gross amount of State and School Licenses and Taxes issued by the Department during the fiscal year ending April 8th, 1901: —

Merchants	$138,572 90
Manufacturers	131,010 45
Auctioneers	706 00
Financial Agents and Brokers	2,912 85
Billiards and Pool Tables	1,017 00
Total for 1901	$274,219 20
" " 1900	240,048 95
Increase for 1901	$ 34,170 25

RECAPITULATION.

Amount of City License issued for the fiscal Year ending April 8th, 1901	$531,331 80	
Amount of State and School licenses issued for the fiscal year ending April 8th, 1901	274,219 20	
Total		$806,050 50
Amount of City License issued for the fiscal year ending April 8th, 1900	$505,563 80	
Amount of State and School licenses issued for the fiscal year ending April 8th, 1900	240,048 95	
		$745,612 25
Total gain for the fiscal year ending April 8th, 1901, over the preceding year		$60,437 25

EXPENSES.

For salaries of Commissioner, Deputies, Clerks, Inspectors and Board of License Revision.....	$28,395 00	
For office expenses, advertising, printing, stationery, horses and vehicles, etc.....	1,733 36	
Total.....	$30,128 36	
Expenses for the fiscal year ending April 9th, 1900..		$32,059 32
" " " " " " " 8th, 1901..		30,128 36
Decrease in expenses for the fiscal year ending April 8th, 1901.....		$1,930 96

In conclusion, I wish to state that with the proper co-operation of the Police Department, the revenue of various licenses, such as vehicles, bicycles, dogs, junk wagons, peddlers and hawkers and others, would be materially increased.

Respectfully submitted,

THEO. D. KALBFELL,

License Commissioner.

ANNUAL REPORT

OF THE

CITY REGISTER,

For the Fiscal Year Ending April 8, 1901.

CITY REGISTER'S OFFICE, CITY HALL,
ST. LOUIS, May 1, 1901.

Hon. Rolla Wells, Mayor:

SIR — In compliance with the Charter of the City of St. Louis, I have the honor to herewith submit the report of this Department for the year ending April, 8, 1901.

The following documents have been filed in this office for safe-keeping, as required by Charter and Ordinances, viz.:—

Ordinances passed by the Municipal Assembly, numbered 20,097 to 20,409, inclusive 313

Contracts by the Board of Public Improvements, numbered 5,603 to 5,921, inclusive 319

Contracts by the Commissioner of Supplies, numbered 2,113 to 2,229, inclusive 117

Miscellaneous contracts, numbered 214 to 234 21

Abstracts of the above have been furnished the Auditor:

BONDS.

Official	28	Vault and privy cleaners	2
Street Railways	0	Permits to cut ice	0
Steam Railways	7	Miscellaneous	8
Scales, erection of	1	Weighers	68
Plumbers	49	Grading streets (private parties)	0
City, deposits for	9	Conduits, etc	2
Drain Layers	50		

ACCEPTANCES.

Street Railways	0	Dental certificates	27
Steam Railways	8	Miscellaneous papers	21
Leases	12	Druggists' certificates	44
Agreements	6	Conduits	1
Miscellaneous	4	Appointment of clerks, Justice Courts	2
Certificates of authority, State Ins. Dept	10	Appointments of deputy clerks, Justice Courts	0
Maps and profiles	1	Drinking fountains	137
Appointments of deputy constables	6	Osteopathy certificates	12
Deeds	0		

The following will show the cash received and turned over to the Treasurer as per receipts on file: —

On account of osteopathy, dental, druggist and notarial certificates	$ 50 50
On account of certified copies of documents	63 25
Total	$113 75

Amount of printing for the several departments, for which vouchers have been made and sent to the Auditor, including printing in the newspapers authorized to do city printing: —

Auditor	$ 796 10	Quarantine	$48 00
Assessor	2,088 47	Sanitary Division	1,002 75
Ass't Prosecuting Attorney.	131 00	House of Refuge	97 75
Boiler Inspector	899 25	House of Delegates	6,283 65
Board of Public Imp	9,945 32	Inspector W. and M	83 95
Harbor and Wharf Com	126 15	Jail	20 00
Lighting Department	928 90	Jury Commissioner	239 49
Park Commissioner	242 10	Law Department	1,642 75
Plumbing Department	26 80	Mayor	297 36
Sewer Commissioner	761 70	Marshal	215 50
Street Commissioner	1,620 30	Recorder of Deeds	2,369 65
Water Commissioner	1,353 66	Register	11,261 57
Work House	22 50	Sheriff (Courts)	34 50
Com. Public Buildings	146 80	Treasurer	77 75
Com. Supplies	2,553 29	Water Rates	1,792 48
Comptroller	1,631 88	Factory Insp	76 00
Coroner	111 25	License Com	367 67
City Attorney	284 00	Chemist	282 25
Council	7,565 51	Justice Peace, 1st Dist.	61 50
Court Crim. Correction	930 00	" " 2d "	
1st District Police Court	494 00	" " 3d "	139 25
2d District Police Court	518 00	" " 4th " No. 1	255 50
So. St. Louis Police Court	91 65	" " 4th " No. 2	50 50
Fire Department	139 60	" " 5th " No. 1	87 00
Fire Alarm Telegraph	250 32	" " 5th " No. 2	174 50
Health Commissioner	1,037 50	" " 6th "	766 50
Dispensary	395 80	" " 7th "	18 00
City Hospital	801 50	" " 8th "	110 75
Female Hospital	227 00	" " 9th "	110 50
Insane Asylum	148 25		
Poor House	228 00	Total	$63,963 37

Miscellaneous accounts for which vouchers have been made and delivered to Auditor: —

Woodward & Tiernan, stamps	$ 38 00
Grimm, Henry A., plates	1,599 30
Grimm, Henry A., die and plates	12 80
Weiss & Co., repairing stand	1 50
Julius Martin, repairing lock	1 25
Julius Martin, repairing shelves	43 58
Julius Martin, repairing desks	2 00
Julius Martin, repairing chair	1 00

Bell Telephone Co., use of Telephones	160 00
L. C. Barrett, repairing chair	1 25
Wm. H. Hahn, Recorder Deeds, rec. deed	1 50
Louis Alt, making back tax book and bills	3,902 86
Geo. S. Harig & Co., electros and rubber stamps	20 50
John D. Tobin Painting Co., signs	25 00
St. Louis Chronicle, sale of engine house	88 00
St. Louis Star, sale of engine house	80 00
St. Louis Amerika, sale of engine house	40 00
St. Louis Globe-Democrat, sale of engine house	82 50
St. Louis Post-Dispatch, sale of engine house	80 00
St. Louis Republic, sale of engine house	64 00
Abend Anzeiger, city printing	105 00
St. Louis Globe-Democrat, city printing	216 45
St. Louis Chronicle, city printing	160 50
St. Louis Daily Record, city printing	77 00
St. Louis Star, city printing	248 60
St. Louis Post-Dispatch, city printing	228 00
St. Louis Amerika, city printing	85 00
	$8,581 59
	216 00
	$8,865 59

ABSTRACT OF LICENSES, BILLS, CERTIFICATES, TICKETS, ETC., DELIVERED TO COMPTROLLER BY CITY REGISTER DURING THE FISCAL YEAR COMMENCING APRIL 10, 1900, AND ENDING APRIL 8, 1901.

Month	Merch'ts' Licenses	Manufacturers' Licenses	Dramshop Licenses	Coal Tickets	Commiss'n Merch'ts' Licenses	Market Rent	Vehicle Licenses	Dog Licenses	Register's Fees	Miscellaneous Licenses	Rent Bills
April 10 to May 7	$ 14 20	$ 5 05	$ 3,112 90	$ 400 00	$ 25 00	$ 25 00	$ 4,205 50	$ 1,500 00	$ 51 00	$ 4,290 50	$ 253 28
May 8 to June 11	610 00	194 60	877,348 70	1,250 00	.....	9,722 00	155 00	25 25	1,100 00	24,984 55	250 00
June 12 to July 9	5,998 30	2,737 55	483 35	300 00	2,100 00	5,389 00	4,037 25	.....	750 00	5,595 05	250 00
July 10 to Aug. 13	72,936 85	83,351 15	117,179 50	1,000 00	5,100 00	58 00	3,681 75	.....	1,250 00	2,804 85	286 78
Aug. 14 to Sept. 10	40,329 90	32,372 10	32,433 70	1,150 00	1,875 00	345 00	.....	.....	1,100 00	9,220 40	333 27
Sept. 11 to Oct. 8	29,056 40	25,538 70	5,611 95	1,450 00	2,125 00	78 50	.....	.....	400 00	1,582 60	250 00
Oct. 9 to Nov. 12	8,504 25	12,397 35	2,134 75	1,250 00	443 75	9,868 00	25	.....	250 00	2,508 10	281 78
Nov. 13 to Dec. 10	18,653 15	3,683 35	1,219 20	1,250 00	1,064 60	110 00	.....	.....	400 00	2,641 35	250 00
Dec. 11 to Jan 7, 1901	29,093 95	5,605 00	375,427 35	450 00	1,587 50	25 00	20,382 25	325 00	1,095 00	3,428 50	250 00
Jan. 8 to Feb. 11	2,240 70	2,929 35	139,815 00	1,250 00	275 00	5,820 00	8,391 25	1,200 00	500 00	22,915 55	250 00
Feb. 12 to March 10	2,351 35	313 05	8,152 10	1,150 00	50 00	15 00	2,763 50	900 00	50 00	1,820 00	250 00
March 11 to April 8	150 80	269 05	5,283 75	300 00	.....	29 00	4,385 75	.....	.....	12,343 20	259 93
Total for year ending April 8, 1901.	$209,934 85	$169,291 30	$1,068,202 25	$11,200 00	$14,645 85	$31,484 50	$47,982 50	$ 3,950 25	$ 6,946 00	$ 94,134 65	$3,145 04

Month	Street Openings	Boiler Inspector's Certificates	Inspector of Weights and Measures Certificates	Weigher's Tickets	Water Licenses	Building Permits	Board of Health Permits	Cost and Interest Street Openings	Bicycles	Total
April 10 to May 7	$ 29,682 33	$ 300 00	.....	$ 205 00	$ 146,050 00	$ 775 50	$ 100 00	$ 206 48	$ 389 00	$ 191,590 74
May 8 to June 11	.....	1,200 00	$ 1,275 00	200 00	176,700 00	542 50	100 00	186 48	707 00	596,501 06
June 12 to July 9	319 06	700 00	810 00	400 00	93,400 00	447 50	100 00	351 46	386 00	124,549 52
July 10 to Aug. 13	.....	2,000 00	1,425 00	800 00	83,600 00	609 50	100 00	318 46	2,080 00	378,581 84
Aug. 14 to Sept. 10	.....	.....	.....	216 00	125,700 00	787 00	.....	95 45	157 00	246,114 82
Sept. 11 to Oct. 8	.....	900 00	595 00	400 00	105,550 00	507 00	100 00	73 09	36 00	174,249 24
Oct. 9 to Nov. 12	.....	2,275 00	515 00	600 00	273,515 00	770 50	100 00	92 39	8 00	315,494 12
Nov. 13 to Dec. 10	.....	900 00	965 00	421 00	158,700 00	702 50	.....	174 43	.....	191,134 58
Dec. 11 to Jan. 7, 1901	.....	900 00	500 00	.....	96,750 00	845 00	100 00	86 68	6 00	536,337 23
Jan. 8 to Feb. 11	7,184 75	1,400 00	1,935 00	416 00	83,915 00	3,021 50	100 00	138 40	38 00	283,585 50
Feb. 12 to March 11	11,889 05	1,275 00	.....	200 00	91,950 00	732 50	100 00	258 59	55 00	124,275 14
March 11 to April 8	22,202 00	2,100 00	.....	200 00	185,350 00	1,082 00	100 00	292 82	120 00	234,468 30
Total for year ending April 8, 1901.	$ 71,227 19	$ 13,950 00	$ 8,020 00	$ 4,058 00	$ 1,621,180 00	$10,828 00	$ 1,000 00	$ 2,224 73	$ 3,982 00	$ 3,897,382 11

In 1883 reports were made by nearly all the railroad companies, but they were for the latter half of the year only. They are subjoined:—

RAILROADS.	Trips.	Passengers.
Baden and St. Louis	7,820	86,450
Benton and Bellefontaine	93,673	1,090,466
Cass Avenue and Fair Grounds	83,596	1,193,594
Citizens	187,200	2,452,191
Forest Park and Laclede	No report.	
Fourth Street and Arsenal	No report.	
Jefferson Avenue	63,590	577,802
Lindell	252,900	2,794,007
Missouri	218,396	3,410,758
Mound City	73,148	820,513
Northern Central	No report.	
People's	91,690	1,581,389
St. Louis	86,593	3,095,508
St. Louis Cable and Western	No report.	
Southern	107,906	1,051,055½
Tower Grove and Lafayette	78,980	584,798
Union	106,412	1,163,028
Union Depot	131,162	1,900,194
Totals	1,573,065	21,751,757½

Since that time yearly returns have been made by the street car lines of the City, showing the annexed statistics: —

RETURNS OF STREET CAR LINES FOR THE YEARS 1884 TO 1892, INCLUSIVE.

	1884.		1885.		1886.		1887.		1888.		1889.	
	Trips.	Passengers.	Trips.	Passengers.	Trips.	Passengers.	Trips.	Passengers.	Trips.	Passengers.	Trips.	Passengers.
Baden and St. Louis	15,492	130,202	12,306	117,383	10,254	148,183	15,894	163,686	15,095	150,496	16,220	171,593
Benton-Bellefontaine	147,632	2,011,928	182,558	1,981,868	182,271	2,114,668	212,548	2,134,369	191,272	2,449,751	219,567	2,223,580
Cass Avenue and Fair Grounds	130,660	2,533,066	175,262	2,549,661	183,072	2,526,470	190,520	2,794,512	194,420	2,936,656	214,854	3,090,009
Citizen's Railway	391,631	4,800,134	424,832	4,783,776	398,988	3,860,346	338,266	3,513,108	442,426	5,070,118	364,216	7,023,739
Forest Park and Laclede	No report		94,456	807,610	169,426	1,457,740	150,081	1,798,700	172,256	1,483,619	175,362	1,103,866
Fourth Street and Arsenal	No report		No report		No report		No report		115,548	720,532	127,688	861,134
Jefferson Avenue	135,154	1,284,423	128,506	1,274,814	130,072	1,353,202	133,294	1,525,832	135,798	1,544,887	132,574	1,668,051
Lindell Railway	509,046	5,524,745	491,708	5,034,378	501,054	4,677,123	515,736	4,915,242	500,664	4,373,004	474,908	4,339,099
Missouri Railway	453,438	6,815,080	441,924	6,422,748	433,866	5,835,640	373,859	5,419,460	448,436	7,548,139	743,648	9,681,418
Mound City Railway	150,042	1,666,503	145,194	1,568,567	157,310	1,593,206	168,434	1,900,103	177,826	1,999,838	188,480	2,061,183
Northern Central Railway	No report		No report		147,332	1,721,001	232,886	2,574,824	228,620	2,345,525	193,146	2,074,481
People's Railway	180,884	3,067,680	174,382	2,884,735	187,668	3,176,089	197,850	3,354,848	186,284	3,230,868	170,268	2,785,258
St. Louis Railroad	179,961	5,859,574	173,026	5,467,689	181,228	5,810,066	190,586	6,470,405	191,225	6,499,594	210,188	7,030,325
*St. Louis Cable and Western	No report		No report		141,134	3,505,997	148,741	5,061,429	185,775	4,832,576	111,629	4,680,335
Southern Railway	203,040	1,978,362	174,447	1,980,894	175,458	2,239,971	177,377	2,542,366	179,521	2,637,663	177,953	2,732,295
Tower Grove and Lafayette	155,520	1,073,359	147,236	917,846	157,900	992,732	149,040	1,008,705	39,520	223,100	No report	
Union Railway	177,760	2,208,983	201,746	2,059,051	219,190	2,152,959	221,456	2,194,849	223,598	2,193,192	246,864	2,117,806
Union Depot Railway	252,184	3,751,838	318,716	3,698,151	312,850	3,991,705	363,624	4,682,004	354,728	5,006,371	339,989	5,333,997
Totals	3,082,444	42,805,877	3,286,299	41,559,171	3,689,363	47,154,098	3,780,192	52,054,442	3,983,112	55,045,929	4,107,554	58,918,169

	1890.		1891.		1892.	
	Trips.	Passengers.	Trips.	Passengers.	Trips.	Passengers.
Baden and St. Louis	18,542	183,122	16,980	214,987	23,586	193,144
Benton-Bellefontaine	212,122	2,361,281	214,538	1,765,186	168,390	3,072,992
Cass Avenue and Fair Grounds	212,194	3,444,893	218,568	3,303,856	401,970	5,151,592
Citizen's Railway	359,160	8,538,786	373,596	8,864,232	405,498	9,372,125
Forest Park and Laclede	175,040	1,121,735	36,200	433,885	No report	
Fourth Street and Arsenal	133,590	1,105,798	97,442	433,723	8,555	22,532
Jefferson Avenue	133,120	1,707,803	181,470	1,838,047	184,588	1,957,551
Lindell Railway	435,390	5,549,729	546,386	10,944,585	632,020	12,411,794
Missouri Railway	804,592	11,192,831	1,006,614	13,117,212	466,190	14,708,156
Mound City Railway	190,044	2,631,234	283,454	4,143,942	331,388	4,484,729
Northern Central Railway	165,076	2,197,064	166,976	2,207,707	82,286	1,046,508
People's Railway	192,548	4,541,819	222,128	4,367,652	231,022	4,731,379
St. Louis Railroad	242,950	7,610,553	716,724	10,811,160	818,354	12,301,596
*St. Louis Cable and Western	105,048	4,343,139	102,160	4,027,888	124,103	7,037,665
Southern Railway	173,826	2,636,558	347,588	4,270,105	336,018	4,744,761
Tower Grove and Lafayette franchise transferred to People's Railway						
Union Railway	254,148	2,200,976	204,556	1,810,270	101,732	820,497
Union Depot Railway	406,086	6,738,240	490,072	8,443,330	545,300	9,628,535
Totals	4,213,518	68,105,561	5,235,452	80,997,767	5,361,973	91,685,555

*** Now St. Louis and Suburban.**

STREET CAR RAILWAY RETURNS FOR THE YEAR 1893.

	Trips.	Passengers.
Baden and St. Louis	21,460	465,554
*Bellefontaine	61,971	1,962,445
Cass Avenue and Fair Grounds	590,652	7,585,270
Citizens	740,426	8,746,551
Compton Heights, Union Depot and Mer. Ter.	Included	in Lindell.
Forest Park, Laclede and Fourth Street	Included	in Missouri.
Fourth Street and Arsenal	Under recon	struction.
Jefferson Avenue	138,282	1,857,912
Lindell	1,124,656	14,270,478
Missouri	1,123,612	14,927,465
†Mound City	76,402	1,008,191
Northern Central...Included in Cass	Av. and Fair	Grounds.
People's	224,678	4,663 638
St. Louis	791,404	11,939,629
St. Louis and Suburban	127,998	8,03[illegible],182
Southern Electric	314,785	5,427,259
Taylor Avenue	Included	in Lindell.
Union...Included in Cass	Av. and Fair	Grounds.
Union Depot	657,472½	14,795,976
Vandeventer Avenue	Included	in Lindell.
Total	5,993,798½	95,680,550

* 1st and 2d quarters only, 3d and 4th quarters in Union Depot.

† 1st quarter only, 2d, 3d and 4th quarters in Union Depot.

STREET CAR RAILWAY RETURNS FOR THE YEAR 1894.

	Trips.	Passengers.
Baden and St. Louis	54,092	423,666
Bellefontaine	Included in	Union Depot.
Cass Avenue and Fair Grounds	670,654	79,443,106
Citizens	548,436	7,160,890
Compton Heights, Union Depot and Mer. Ter.	Included	in Lindell.
Forest Park, Laclede and Fourth Street	Included	in Missouri.
Fourth Street and Arsenal	Under recon	struction.
Jefferson Avenue	90,527	1,281,569
Lindell	1,283,138	17,425,971
Missouri	1,162,158	14,480,126
Mound City	Included in	Union Depot.
Northern Central...Included in Cass	Av. and Fair	Grounds.
People's	202,662	3,890,898
St. Louis	700,070	10,398.511
St. Louis and Suburban	118,445	7,754,752
Southern Electric	309,779	4,398,009
Taylor Avenue	Included	in Lindell.
Union...Included in Cass	Av. and Fair	Grounds.
Union Depot	633,964	18,544,278
Vandeventer Avenue	Included	in Lindell.
Total	5,766,925	95,201,770

STREET CAR RAILWAY RETURNS FOR THE YEAR 1895.

	Trips.	Passengers.
Baden and St. Louis	43,032	239,271
Bellefontaine	Included in	Union Depot
Cass Avenue and Fair Grounds	683,058	9,511,612
Citizens	299,228	7,370,798
Compton Heights, Union Depot and Mer. Ter.	Included in	Lindell.
Forest Park, Laclede and Fourth Street	Included in	Missouri.
Fourth Street and Arsenal	Under recon	struction.
Grand Avenue	Included in	Union Depot
Jefferson Avenue	134,215	1,158,984
Lindell	1,281,024	20,237,599
Missouri	1,226,678	15,303,467
Mound City	Included in	Union Depot
Northern Central	Included in Cass	Av. and Fair Grounds.
People's	220,668	3,903,362
St. Louis	779,100	10,908,565
St. Louis and Suburban	105,806	7,803,746
Southern Electric	332,352	4,636,160
Southwestern	Included in	St. Louis.
Taylor Avenue	Included in	Lindell.
Union	Included in Cass	Av. and Fair Grounds.
Union Depot	688,148	21,924,258
Vandeventer Avenue	Included in	Lindell.
Total	5,793,309	102,997,772

STREET CAR RAILWAY RETURNS FOR THE YEAR 1896.

	Trips.	Passengers.
Baden and St. Louis	Included in	St. Louis.
Bellefontaine	Included in	Union Depot
Cass Avenue and Fair Grounds	684,770	9,546,996
Citizens	312,130	8,539,688
Compton Heights, Union Depot and Mer. Ter.	Included in	Lindell.
Forest Park, Laclede and Fourth Street	Included in	Missouri.
Fourth Street and Arsenal	Under recon	struction.
Grand Avenue	Included in	Union Depot
Jefferson Avenue	146,240	1,865,510
Lindell	1,231,114	21,535,251
Manchester Road Electric Ry. Co	Included in	Suburban.
Missouri	981,777	15,359,741
Mound City	Included in	Union Depot
Northern Central	Included in Cass	Av. and Fair Grounds.
People's	218,664	3,882,936
St. Louis	945,348	12,325,451
St. Louis and Suburban	142,546	9,892,612
Southern Electric	330,184	5,460,543
Southwestern	Included in	St. Louis.
Taylor Avenue	Included in	Lindell.
Union	Included in Cass	Av. and Fair Grounds.
Union Depot	642,431	28,772,345
Vandeventer Avenue	Included in	Lindell.
Total	5,635,204	112,181,073

STREET CAR RAILWAY RETURNS FOR THE YEAR 1897.

	Trips.	Passengers.
Baden and St. Louis	Included in	St. Louis.
Bellefontaine	Included in	Union Depot
Cass Avenue and Fair Grounds	673,042	9,188,690
Citizens	314,594	8,654,254
Compton Heights, Union Depot and Mer. Ter.	Included in	Lindell.
Forest Park, Laclede and Fourth Street	Included in	Missouri.
Fourth Street and Arsenal	Under recon	struction.
Grand Avenue	Included in	Union Depot
Jefferson Avenue	146,598	1,754,178
Lindell	1,101,892	21,342,220
Manchester Road Electric Ry. Co.	Included in	Suburban.
Missouri	1,047,389	15,004,332
Mound City	Included in	Union Depot
Northern Central	Included in Cass	Av. and Fair Grounds.
People's	217,895	3,533,725
St. Louis	904,022	11,583,220
St. Louis and Meramec River R. R.	Included in	Suburban.
St. Louis and Suburban	164,314	11,205,233
Southern Electric	196,406	5,771,487
Southwestern	Included in	St. Louis.
Taylor Avenue	Included in	Lindell.
Union	Included in Cass	Av. and Fair Grounds.
Union Depot	669,594	24,159,406
Vandeventer Avenue	Included in	Lindell.
Total	5,435,696	112,146,745

STREET CAR RAILWAY RETURNS FOR THE YEAR 1898.

	Trips.	Passengers.
Baden and St. Louis	Included in	St. Louis.
Bellefontaine	Included in	Union Depot
Cass Avenue and Fair Grounds	630,788	9,520,227
Citizens	317,400	8,730,145
Compton Heights, Union Depot and Mer. Ter.	Included in	Lindell.
Forest Park, Laclede and Fourth Street	Included in	Missouri.
Fourth Street and Arsenal	Under recon	struction.
Grand Avenue	Included in	Union Depot
Jefferson Avenue	146,631	1,761,199
Lindell	1,081,540	22,608,900
Manchester Road Electric Ry Co	Included in	Suburban.
Missouri	1,028,928	15,183,023
Mound City	Included in	Union Depot
Northern Central	Included in Cass	Av. and Fair Grounds.
People's	217,987	3,499,060
St. Louis	918,326	11,837,717
St. Louis and Meramec River R. R.	Included in	Suburban.
St. Louis and Suburban	168,924	11,738,548
Southern Electric	173,917	6,189,738
Southwestern	Included in	St. Louis.
Taylor Avenue	Included in	Lindell.
Union	Included in Cass	Av. and Fair Grounds.
Union Depot	739,996	25,656,286
Vandeventer Avenue	Included in	Lindell.
Total	5,424,437	116,724,843

STREET CAR RAILWAY RETURNS FOR THE YEAR 1899.

	Trips.	Passengers.
Baden and St. Louis	Included in	St. Louis.
Bellefontaine	Included in	UnionDepot.
Cass Avenue and Fair Grounds (1st, 2d and 3d quarters)	435,878	7,463,160
Cass Avenue and Fair Grounds (4th quarter)	Inc. in St. L.	Transit Co.
Citizens (1st, 2d and 3d quarters)	237,054	6,722,072
Citizens (4th quarter)	Inc. in St. L.	Transit Co.
Compton Heights, Union Depot and Mer. Ter.	Included in	Lindell.
Forest Park, Laclede and Fourth Street	Included in	Missouri.
Fourth Street and Arsenal	Under recon	struction.
Grand Avenue	Included in	UnionDepot.
Jefferson Avenue (1st, 2d and 3d quarters)	92,144	1,456,877
Jefferson Avenue (4th quarter)	Inc. in St. L.	Transit Co.
Lindell (1st, 2d and 3d quarters)	836,476	18,093,781
Lindell (4th quarter)	Inc. in St. L.	Transit Co.
Missouri (1st, 2d and 3d quarters)	524,743	11,626,869
Missouri (4th quarter)	Inc. in St. L	Transit Co.
Mound City	Included in	UnionDepot.
Northern Central	Included in Cass Av. and Fair	Grounds.
People's (1st and part of 2d quarter; for balance of 2d, 3d and 4th quarters see St. L. Traction Co.)	59,862	892,798
St. Louis	965,340	12,709,551
St. Louis and Meramec River R. R.	Included in	Suburban.
St. Louis and Suburban	181,354	12,521,012
St. Louis Traction Co. (part of 2d, 3d and 4th quarters)	137,751	2,420,124
St. Louis Transit Co. (4th quarter only)	1,817,132	25,179.443
Southern Electric (1st, 2d and 3d quarters)	153,125	4,849,925
Southern Electric (4th quarter)	Inc. in St. L.	Transit Co.
Southwestern	Included in	St. Louis.
Taylor Avenue	Included in	Lindell.
Union	Included in Cass Av. and Fair	Grounds.
Union Depot (1st, 2d and 3d quarters)	580,788	20,148,006
Union Depot (4th quarter)	Inc. in St. L.	Transit Co.
Vandeventer Avenue	Included in	Lindell.
Total	5,520,647	124,083,618

STREET CAR RAILWAY RETURNS FOR THE YEAR 1900.

	Trips	Passengers.
Baden and St. Louis	Inc. in St.	Louis R. R.
Bellefontaine	Inc. in St. L.	Transit Co.
Cass Avenue and Fair Grounds Railway	Inc. in St. L.	Transit Co.
Citizens	Inc. in St. L.	Transit Co.
Compton Heights, Union Depot and Mer. Ter.	Inc. in St. L.	Transit Co.
Forest Park, Laclede and Fourth Street	Inc. in St. L.	Transit Co.
Fourth Street and Arsenal	Inc. in St. L.	Transit Co.
Grand Avenue	Inc. in St. L.	Transit Co.
Jefferson Avenue	Inc. in St. L	Transit Co.
Lindell	Inc. in St. L.	Transit Co.
Missouri	Inc. in St. L.	Transit Co.
Mound City	Inc. in St. L.	Transit Co.
Northern Central	Inc. in St. L.	Transit Co.
St. Louis	236,884	8,463,207
St. Louis and Meramec River R. R.	Included in	Suburban.
St. Louis and Suburban	267,990¼	16,812,998
St. Louis Traction Co	78,580	2,716,095
St. Louis Transit Co	2,713,962	78,961,111
Southern Electric	Inc. in St. L.	Transit Co.
Southwestern	Inc. in St.	Louis R. R.
Taylor Avenue	Inc. in St. L.	Transit Co.
Union	Inc. in St. L.	Transit Co.
Union Depot	Inc. in St. L.	Transit Co.
Vandeventer Avenue	Inc. in St. L.	Transit Co.
Total	3,297,416¼	106,953,411

RETURNS OF STREET CAR RAILWAYS, FIRST QUARTER, ENDING MARCH 31, 1901.

	Trips.	Passengers.
Baden and St. Louis	Inc. in St.	Louis R. R.
Bellefontaine	Inc. in St. L.	Transit Co.
Cass Avenue and Fair Grounds Railway	Inc. in St. L.	Transit Co.
Citizens	Inc. in St. L.	Transit Co.
Compton Heights, Union Depot and Mer. Ter.	Inc. in St. L.	Transit Co.
Forest Park, Laclede and Fourth Street	Inc. in St. L.	Transit Co.
Fourth Street and Arsenal	Inc. in St. L.	Transit Co.
Grand Avenue	Inc. in St. L.	Transit Co.
Jefferson Avenue	Inc. in St. L.	Transit Co,
Lindell	Inc. in St. L.	Transit Co.
Missouri	Inc. in St. L.	Transit Co.
Mound City	Inc. in St. L.	Transit Co.
Northern Central	Inc. in St. L.	Transit Co.
St. Louis	137,306	3,344,976
St. Louis and Meramec River R. R.	Included in	Suburban.
St. Louis and Suburban	69,546	3,488,428
St. Louis Traction Co	58,942	740,529
St. Louis Transit Co	1,131,646	22,868,934
Southern Electric	Inc. in St. L.	Transit Co.
Southwestern	Inc. in St.	Louis R. R.
Taylor Avenue	Inc. in St. L.	Transit Co.
Union	Inc. in St. L	Transit Co.
Union Depot	Inc. in St. L.	Transit Co.
Vandeventer Avenue	Inc. in St. L.	Transit Co.
Total	1,397,440	29,942,867

TRACK MILEAGE OF STREET RAILROADS APRIL 1, 1901.

Name of Road.	Miles of Single Track. Constructed. In Use.	Not in Use.	Total.	Authorized by Ordinance. Built.	Not Built.
ST. LOUIS TRANSIT CO.					
Lindell Railway Co. System.					
Lindell Ry. Co.	36.71	.....	36.71	2.38	22.24
Compton Hts., U. D. and M. T. R. R. Co.	12.38	.....	12.38	.....	0.58
Taylor Ave. Ry. Co.	9.82	.....	9.82	.....	.....
Vandeventer Ave. R. R. Co.	4.08	1.47	5.55	.....	.....
Clayton and Forest Park Ry. Co.	1.25	.....	1.25	.....	.....
Delmar Ave. and Clayton Ry. Co.	1.89	.....	1.89	.....	.....
Missouri R. R. Co.	19.09	0.27	19.36	.....	2.68
Forest Park, L. and Fourth St. Ry. Co.	6.33	.....	6.33	.....	.....
Total	91.55	1.74	93.29	2.38	25.50
Union Depot R. R. Co. System.					
Union Depot R. R. Co.	41.96	0.93	42.89	.....	.....
Mound City Street Ry. Co.	7.16	.....	7.16	.....	.....
Benton-Bellefontaine Ry. Co.	12.87	0.92	13.79	.....	.....
Grand Ave. Ry. Co.	8.00	.....	8.00	.....	1.40
Kingshighway R. R. Co.	4.64	.....	4.64	.....	.....
Total	74.63	1.85	76.48	.....	1.40
Cass Ave. and F. G. Ry. Co. System.					
Cass Ave. and Fair Grounds Ry. Co.	13.23	0.26	13.49	.....	0.89
Northern Central R. R. Co.	10.28	0.13	10.41	.....	3.00
Union Ry. Co.	11.01	.....	11.01	.....	10.50
Citizens Ry. Co.	18.14	.....	18.14	.....	.....
St. Louis R. R. Co.	19.94	.....	19.94	.....	.....
Baden and St. Louis R. R. Co.	6.65	.....	6.65	.....	.....
Southwestern Ry. Co.	2.05	.....	2.05	.....	2.46
Total	81.30	0.39	81.69	.....	16.85
Southern Electric Ry. Co.	16.51	1.21	17.72	.....	8.86
Jefferson Ave. R. R. Co.	7.26	.....	7.26	.....	.....
People's Ry. Co.	9.57	.....	9.57	.....	.....
Fourth Street and Arsenal Ry. Co.	.....	3.75	3.75	.....	.....
Central Traction Co.	6.41	.....	6.41	2.74	70.85
Total	39.75	4.96	44.71	2.74	79.71
St. Louis Transit Co. Total	287.23	8.94	296.17	5.12	123.46
St. Louis and Sub. Ry. Co. System.					
St. Louis and Suburban Ry. Co.	24.75	.....	24.75	.....	.....
St. Louis and Meramec River R. R. Co.	14.41	.....	14.41	.....	.....
Florissant Ave. Electric Ry. Co.	0.76	.....	0.76	.....	.....
Total	39.92	.....	39.92	.....	.....

RECAPITULATION.

St. Louis Transit Co.	287.23	8.94	296.17	5.12	123.46
St. Louis and Suburban Ry. Co.	39.92	.....	39.92	.....	.....
Total Mileage	327.15	8.94	336.09	5.12	123.46

LIST OF DENTISTS WHO HAVE REGISTERED IN THIS OFFICE IN COMPLIANCE WITH THE ACT OF THE LEGISLATURE, APPROVED FEBRUARY 20, 1883.

No. of Cert.		Date of Registration.
218	Allen, Thomas N	Feb. 3, 1897
209	Angle, E. H	Dec. 28, 1896
226	Atkinson, Cliff. R	Feb. 5, 1897
203	Austin, James Franklin	Aug. 13, 1896
125	Anderson, George H	Nov. 12, 1892
290	Applegate, George W	June 21, 1897
278	Austin, John W	June 9, 1897
266	Baker, W. G	May 19, 1897
292	Bartel, Ferdinand	June 22, 1897
248	Bartel, Louis W	April 30, 1897
277	Bellows, Frank A	June 5, 1897
275	Brown, Annie L	June 4, 1897
251	Brown, Walter E	May 1, 1897
30	Base, I. A	May 22, 1883
38	Brackett, Sam'l J	June 6, 1883
51	Brecht, J. E	June 28, 1883
192	Bredgmar, Geo. D	Sept. 10, 1895
68	Bowman, G. P	Feb. 23, 1884
74	Ball, S E	Mar. 28, 1884
75	Bronson, Geo. A	Mar. 28, 1884
87	Bushong, A. J	May 8, 1885
96	Bremermann, Chas M	Dec. 17, 1887
99	Beal, Geo. E	Nov. 17, 1888
116	Bedell, A. W	May 7, 1892
140	Beaukner, Fred	Mar. 31, 1894
144	Becker, Emil F	July 24, 1894
145	Bartlett, Walter M	July 25, 1894
148	Bender, Ernest P	Oct. 11, 1894
149	Bond, Frank H	Oct. 11, 1894
151	Baird Henry M	Oct. 20, 1894
165	Brawner, Chas J	Dec. 15, 1894
178	Baker, Jas. M	April 1, 1895
208	Barth, J. M	Dec. 26, 1896
206	Bellis, Edward E	Oct. 24, 1896
196	Bragg, Edgar Herbert	May 2, 1896
225	Byfield, James H	Feb. 5, 1897
219	Carpenter, Charles V	Feb. 4, 1897
204	Curtis, Thomas Alston	Aug. 20, 1896
15	Chase, H. S	May 14, 1883
21	Cassell, Julius, Sr	May 16, 1883
34	Canine, R H	May 28, 1883
39	Chase, E. C	June 9, 1883
40	Campbell, Will O	June 14, 1883
43	Campbell, Jno	June 14, 1883
44	Conrad, W. N	June 20, 1883
77	Chase, J H	Mar. 29, 1884
83	Clark, A. J	April 26, 1884
88	Casilly, Jno. P	May 26, 1885
97	Collins, Henry A	Mar. 26, 1888
106	Chase, Mrs. Emma E	June 13, 1889
114	Cotton, Wilson H	Mar. 17, 1891
118	Coyle, Jas. S	June 15, 1892
131	Cassell, Herman F	May 1, 1893
134	Chisholm, E. S	Jan. 15, 1894
136	Clark, Jas. B	Feb. 26, 1894
142	Conselman, Oscar	June 1, 1894
143	Cox, Wm. G	June 4, 1894
147	Chase, Fred'k B	Aug. 18, 1894
157	Cowdery, Clarence C	Nov. 1, 1894
164	Cleveland, Chas. E	Dec. 12, 1894
167	Chisholm, Jas. C	Jan. 24, 1895
170	Cord, W. J	Mar. 2, 1895
241	Church, Howard E	April 13, 1897
276	Clark, J. B	June 5, 1897
245	Clark, Thomas W	April 16, 1897
243	Cunningham, Peter T	April 15, 1897
250	Drown, John H., M. D	May 1, 1897
281	Dunning, Chas. H	June 19, 1897
84	De Voe, T. J. B	May 15, 1884
152	Dunning, Chas H	Oct. 23, 1894
173	Dickweite, F. E	Mar. 2, 1895
176	Dill, E. H	Mar. 6, 1895
220	Davisson, Will D	Feb. 5, 1897
234	Dunham, Charles Scott	Mar. 13, 1897

LIST OF DENTISTS—*Continued.*

No. of Cert.		Date of Registration.
25	Eiseman, A. H	May 18, 1883
29	Ehmann, Edw	May 19, 1883
57	Eames, Wm H	June 30, 1883
96	Eisloeffel, Peter H	Mar. 8, 1888
12	Fisher, Jos. A	May 9, 1883
16	Flickinger, Adam	May 15, 1883
183	Fulkerson, Frederick M	Oct. 7, 1895
17	Fuller, A. H	May 15, 1895
41	Ferguson, John G	June 14, 1895
45	Fisher, Henry	June 20, 1895
67	Foster, J. Levic	Mar. 14, 1884
94	Flannigan, Edw	Sept. 22, 1887
108	Field, Henry D	Mar. 21, 1890
119	Fields, D. W	June 20, 1892
129	Fletcher, Frank F	Nov. 14, 1892
238	Fries, John Adam	April 7, 1897
211	Fuller, Alfred Darst	Jan. 4, 1897
289	Fendler, Max	June 21, 1897
265	Flickinger, Adam J	May 18, 1897
249	Fruth, Otto J	May 1, 1897
274	Gebhart, Charles	June 4, 1897
261	Goslee, J. I	May 14, 1897
197	Griffin, Emery B	May 9, 1896
223	Grissom, Milton A	Feb. 5, 1897
193	Gibson, Geo. Henry	April 8, 1896
13	Grimes, F. T	May 11, 1883
71	Green, Chas. R	Mar. 27, 1884
79	Grau, John F	Mar. 31, 1884
86	Geho, Wm. L. B	May 4, 1885
160	Grorhieder, Jesse E	Nov. 12, 1894
181	Head, Thomas Douglas	April 18, 1895
180	Henderson, James Alexander	April 18, 1895
191	Hill, Harry M	Mar. 4, 1896
236	Harper, James Patterson	Mar. 27, 1896
232	Herbst, Robert	Mar. 1, 1896
2	Holcomb, W. H	April 21, 1883
18	Houston, Chas. F	May 15, 1883
19	Holmes, Geo. P	May 15, 1883
37	Howard, Jasper	June 6, 1883
46	Harper, John G	June 20, 1883
47	Haskell, Jas. N	June 23, 1883
62	Hermann, Wm. F	July 17, 1883
70	Hart, Nicholous O	Mar. 27, 1884
73	Hubert, S. H	Mar. 28, 1884
103	Harrington, Thos. F	Mar. 16, 1889
110	Hulze, Edw. A	Mar. 26, 1890
113	Hellmuth, Philip F	Nov. 28, 1890
117	Hurd, Everett M	June 2, 1892
137	Haines, Jno. C	Mar. 14, 1894
155	Hickman, Chas. L	Oct. 27, 1894
168	Haxmann, Fritz W	Feb. 15, 1895
174	Holschbach, Jno. P	Mar. 2, 1895
287	Hoffmeister, W. D	June 21, 1897
285	Hogan, John G	June 21, 1897
268	Hyndman, Hunter S	May 22, 1887
82	Isbell, John B	April 18, 1884
102	Israel, Morris	Mar. 15, 1889
4	Johnson, E. V	April 26, 1883
5	Jacob, L	April 28, 1883
10	Jocelyn, D. I	May 9, 1883
14	Jocelyn, C. W	May 14, 1883
56	Jack, D	June 30, 1883
72	Jons, W. A	Mar. 27, 1884
272	Jacoby, S	June 1, 1897
254	Kimbrough, Joseph B	May 3, 1897
222	Kennedy, T. G	Feb. 5, 1897
227	Kiess, Louis	Feb. 5, 1897
35	Keck, C. E	June 4, 1883
61	Kavanaugh, Michael	July 9, 1883
68	Keith, H. H	Mar. 25, 1884
101	King, Geo. O	Mar. 11, 1889
154	Kennerly, Jno. H	Oct. 26, 1894
172	Kiess, H. W	Mar. 2, 1895
89	Leightnoll, J. I	Oct. 6, 1885
98	Lange, Wm. G	May 12, 1888
190	Langley, James W	Mar. 3, 1896

LIST OF DENTISTS—*Continued.*

No. of Cert.		Date of Registration.
183	Lawrenz, William Frederick	Nov. 1, 1896
189	LeCrown, Daniel O. M	Feb. 19, 1896
100	Lindsay, Jos. W	Jan. 24, 1889
150	Lierwan, Wm. J	Oct. 17, 1894
159	Lockridg, Robt. L	Nov. 7, 1894
166	Lindsley, DeCoursey B	Dec. 22, 1894
207	Lark, William James	Mar. 29, 1897
209	Lewis, Amos F	April 12, 1897
212	Lukens, Clarence D	Jan. 6, 1897
236	Lehmberg, Hugo A	June 21, 1897
269	Lehmberg, Lorenz E	May 25, 1897
271	Lenz, Paul W	June 1, 1897
282	Levin, Paul	June 19, 1897
264	McMaster, John A	May 15, 1897
207	Marie, John A	Nov. 21, 1896
200	Merrick, W. C	May 28, 1896
229	Moore, M. E	Feb. 6, 1897
260	Moser, A. T. E. A	Feb. 10, 1897
187	Mace, R. H	Dec. 5, 1895
194	Marsh, John Wetmore	April 13, 1896
26	Marshall, Jas. M	May 18, 1883
53	Murray, Alexander	June 29, 1883
55	Muth, W. E	June 30, 1883
58	Morrison, Wm. N	July 2, 1883
59	Mayer, C	July 5, 1883
69	Milham, Oliver	Mar. 27, 1884
91	Miller, Herbert C	May 8, 1886
104	Mayor, Hunford	April 16, 1889
109	Mame, Geo. E	Mar. 25, 1890
124	Morrison, P. Holme	Oct. 26, 1892
128	Mallinckrodt, Otto	Jan. 3, 1893
130	Milster, Arthur N	Mar. 31, 1893
146	Marshall, Milton C	July 30, 1894
158	Manhard, Ormond H	Nov. 1, 1894
7	McNamara, Jos. T	May 3, 1883
27	McNamara, Chas. F	May 18, 1883
28	McNamara, John C	May 18, 1883
66	McKellops, H. J. B	Mar. 11, 1884
92	McKellops, Henry L	Oct. 13, 1886
42	Newby, J. B	June 14, 1883
64	Newington, Henry	Aug. 8, 1883
175	Neville, W. H	Mar. 4, 1895
224	Nelson, John R	Feb. 5, 1897
205	Nelson, Neil P	Sept. 25, 1896
216	Owen, Geo. Hartt	Jan. 28, 1897
161	Olive, Alexander S	Nov. 12, 1894
24	Prosser, A. J	May 17, 1883
36	Park, Edgar	June 6, 1883
48	Pomies, Leland F	June 25, 1883
78	Pence, N. W	Mar. 29, 1884
112	Pepperling, Theo. L	Aug 28, 1890
121	Pruett, Walter L	July 15, 1892
126	Pfaff, Jos. G	Nov. 14, 1892
127	Parks, Wm. F	Nov. 14, 1892
133	Purdy, Arthur G	Oct. 16, 1893
135	Parsons, Frank R	Feb. 13, 1894
199	Page, J. C	May 21, 1896
240	Parsons, G. H	April 12, 1897
231	Pound, Frederick Franklin	Feb. 20, 1897
202	Prinz, Herman	Aug. 12, 1896
195	Rice, Mortimer J	April 17, 1896
235	Roy J. Dalmas	Mar. 15, 1897
221	Ruff, Charles B	Feb. 5, 1897
9	Robitoy, Geo	May 7, 1883
20	Rickard, D. H	May 16, 1883
32	Ronreich, Jno. Ph	May 24, 1883
80	Robitoy Eugene G	Mar. 31, 1884
93	Radomsky, J	June 8, 1887
123	Ruddy, W. A	Aug. 17, 1892
186	Ruge, Julius Peter, M. D	Nov. 8, 1895
138	Robb, Malcolm	Mar. 24, 1894
169	Rosen, Frans. T	Feb. 15, 1895
273	Radomsky, Louis	June 4, 1897
252	Rawson, Leslie E	May 1, 1897
279	Reese, D. F	June 10, 1897
247	Rodemich, Henry	April 26, 1897

LIST OF DENTISTS—*Continued.*

No. of Cert.		Date of Registration
280	Rolens, Howard S	June 14, 1897
293	Ruff, L. P.	June 22, 1897
262	Sanders, Robert T	May 14, 1897
242	Shekelton, Thomas H	April 14, 1897
284	Smith, Hulbert S	June 19, 1897
288	Smith, Montana T	June 21, 1897
257	Sommers, Chas. E. W	May 5, 1897
246	Stanza, Nathaniel B	April 28, 1897
192	Schulz, William Frederick August	April 1, 1896
1	Spaulding, O. W	April 21, 1883
3	Spaulding, J. H	April 21, 1883
8	Sanders, R. T	May 7, 1883
22	Scott, Wm. H	May 17, 1883
23	Stevens, De Mott	May 17, 1883
49	Standinger, Berthold	May 26, 1883
76	Shelp, Willard	Mar. 29, 1884
81	Shelp, E	April 1, 1884
85	Scott, J. S	May 4, 1885
90	Summa, Carl	Mar. 8, 1886
106	Sprague, Andrew L	April 16, 1889
107	Summa, Richard	Mar. 20, 1890
111	Shober, August	April 9, 1890
115	Schumacher, Carl E	Sept. 28, 1891
120	Saxenmeyer, Herman	July 2, 1892
228	Shelp, V. L	Feb. 5, 1897
213	Sullivan, Patrick J	Jan. 13, 1897
214	Tarr, Charles J	Jan. 13, 1897
233	Terry, Geo. L	Mar. 9, 1897
201	Tristoe, T. P	Aug. 8, 1896
198	Tuttle, William Morris	May 14, 1896
11	Taylor, F. J	May 9, 1883
60	Tolhurst, Geo. W	July 5, 1883
139	Tiffin, Jno	Mar. 27, 1894
177	Trager, Victor	Mar. 19, 1895
270	Tarr, George W	May 27, 1897
267	Thweatt, Arthur C	May 22, 1897
256	Thweatt, G. Everett	May 4, 1897
244	Turner, Thos E	April 16, 1897
6	Ullman, Edwin S	May 3, 1883
33	Utt, Geo. G	May 28, 1897
217	Voyles, Stephen Huff	Jan. 28, 1883
283	Van der Sluis, J. B	June 19, 1897
260	Vogt, Rudolph A	May 14, 1897
253	Wickersham, Wm. R	May 3, 1897
255	Widmann, Rudolph	May 4, 1897
291	Williams, James I	June 22, 1897
258	Wieser, Florian J	May 8, 1897
263	Williams, Samuel	May 15, 1897
210	Waldschmidt, August Joseph	Jan. 4, 1897
215	Woodward, Wilbur S	Jan. 23, 1897
31	Wear, Robt A	May 23, 1883
50	Wickersham, W R	June 27, 1883
52	Wickersham, W. H	June 28, 1883
54	Wick, Jas. W	June 30, 1883
63	Whipple, Jas. W	July 30, 1883
132	Weller, Wm E	May 2, 1893
141	Wild, Frank	May 1, 1894
153	Windhorst, M. R	Oct. 25, 1894
156	Whipple, Will L	Oct. 30, 1894
163	Wright, Wm H	Nov. 22, 1894
171	Wickersham, E. P	Mar. 2, 1895
179	Wiener, Isaac	April 8, 1895
184	Woester, Selim Edwards	Oct. 7, 1895
188	Young, Richard Banks	Feb. 4, 1896
122	Young, L Albin	July 29, 1892
259	Yeargain, George W	May 12, 1897

LIST OF DENTISTS WHO HAVE REGISTERED IN THIS OFFICE IN COMPLIANCE WITH THE ACT OF THE LEGISLATURE, APPROVED MARCH 19, 1897.

No. of Cert.		Date of Registration.
114	Angel, Edw. H	June 30, 1898
129	Abington, William B	Oct. 19, 1898
130	Applegate, George W	Oct. 19, 1898
181	Aitkens, Wm. K	Feb. 1, 1899
188	Anderson, Geo. H	May 1, 1899
194	Arthur, Willis B	June 16, 1899
206	Aitken, Thomas K	Oct. 6, 1899
190	Bleyer, Adolph	May 22, 1899
213	Bryan, Wm. Henry	Dec. 15, 1899
103	Bellows, Frank H	May 27, 1898
111	Bassett, Sam'l Taylor	June 20, 1898
125	Bumiller, Oscar Lewis	Oct. 19, 1898
128	Baird Henry M	Oct. 19, 1898
132	Barry, Burt	Oct. 19, 1898
153	Brown, Walter E	Oct. 21, 1898
160	Brandenberger, Herman	Nov. 4, 1898
162	Bedell, Charles Thompson	Nov. 5, 1898
163	Bedell, J. E	Nov. 11, 1898
173	Barker, Wm. S	Jan. 5, 1899
174	Beard, Edward W	Jan. 5, 1899
182	Baldwin, Arthur E	Feb. 18, 1899
91	Bartel, Ferdinand	Feb. 19, 1898
84	Bartel, Louis W	Jan. 27, 1898
83	Bartlett, Clive H	Jan. 20, 1898
7	Bartlett, Walter M	Oct. 18, 1897
45	Baas, I A	Nov. 24, 1897
32	Beal, Geo. E	Nov. 5, 1897
5	Becker, Emil F	Oct. 15, 1897
98	Bedell, Orion W	Mar. 9, 1898
24	Bellis, Edward R	Oct. 27, 1897
95	Bond, Frank H	Feb. 28, 1898
78	Bowman, G. A	J n. 5, 1898
10	Bronson, George A	Oct. 19, 1897
68	Brown, Albert H	Dec. 23, 1897
76	Campbell, Jesse M	Jan. 11, 1898
93	Campbell, John	Feb. 25, 1898
90	Canine, R. H	F b. 18, 1898
85	Case, J. H	Feb. 1, 1898
12	Chase, Edward C	Oct. 21, 1897
11	Chase, Frederick B	Oct. 21, 1897
88	Conrad, W. N	Feb. 10, 1898
22	Conzelman, Oscar	Oct. 26, 1898
19	Cord, Wm. J	Oct. 23, 1897
17	Cox, Wm. G	Oct. 23, 1897
97	Cowdry, Clarence	Mar. 9, 1897
30	Coyle, James S	Oct. 30, 1897
59	Cryaler, Mary O	Dec. 10, 1897
106	Chisholm, James O	June 3, 1898
116	Crews, Charles Carroll	Aug. 5, 1898
126	Casseli, Julius, Jr	Oct. 19, 1898
131	Cassell, Herman F	Oct. 19, 1898
152	Cleveland, Chas. E	Oct. 21, 1898
164	Chase, Emma E	Nov. 15, 1898
167	Curtis, Thos. H	Nov. 28, 1898
176	Cotton, Wilson Hunt	Jan. 10, 1899
216	Calvert, Ansel P	April 9, 1900
186	Coates, Lorrin N	April 17, 1899
199	Collins, G. H	July 24, 1899
193	Crall, Leander O	June 8, 1899
104	Dameron, Ernest P	May 31, 1898
105	Dill, E. A	May 31, 1898
183	D'Oench, Harry F	Oct. 19, 1898
179	Dunning, Chas. H	Jan. 20, 1899
64	Diekneite, F. E	Dec. 17, 1897
13	Dunham, Chas. S	Oct. 21, 1897
14	Eisloeffel, Peter H	Oct. 22, 1897
204	Ellwanger, Gustavus	Sept. 8, 1899
198	Ferguson, Stonewall	July 15, 1899
29	Ferguson, J. G	Oct. 28, 1897
65	Feudler, Max	Dec. 17, 1897
20	Fisher, Joseph A	Oct. 25, 1897
18	Fletcher, Frank F	Oct. 23, 1897
1	Flickinger, A	Oct. 12, 1897
89	Fries, John A	Feb. 12, 1898

LIST OF DENTISTS—*Continued.*

No. of Cert.		Date of Registration.
72	Fruth, Otto J.	Jan. 4, 1897
26	Fuller, Alfred D	Oct. 27, 1896
27	Fuller, A. H	Oct. 27, 1897
107	Frank, George Hy	June 8, 1898
139	Grossheider, Jesse E.	Oct. 20, 1898
150	Garcia, Chas	Oct. 21, 1898
31	Gibson, George H.	Oct. 30, 1897
79	Griffin, Emery B	Jan. 18, 1898
214	Gilkey, Chas. Hughes	Jan. 15, 1900
205	Goodlon, James K	Sept. 11, 1899
211	Greengard, Morris D.	Nov. 22, 1899
77	Hellmuth, Philip F.	Jan. 15, 1898
74	Hickman, Chas. L.	Jan. 6, 1898
94	Hill, Harry M.	Feb. 28, 1898
52	Hill, James	Dec. 1, 1897
67	Hogan, J. Garrison.	Dec. 21, 1897
34	Holke, John H.	Nov. 8, 1897
99	Holmes, George P	April 2, 1898
112	Halschbach, J. P.	June 22, 1898
122	Harper, James P.	Oct. 13, 1898
123	Harper, John G.	Oct. 13, 1898
127	Holton, Jay R.	Oct. 19, 1898
169	Hoffman, Charles Andrew	Nov. 29, 1898
54	Jacobs, L.	Dec. 6, 1897
86	Jacoby, S.	Feb. 7, 1898
23	Kennerly, John H	Oct. 25, 1897
8	Keiss, H. W.	Dec 29, 1898
70	Kimbraugh, J. B.	Oct. 21, 1898
148	Keith, Henry H	Oct. 21, 1898
156	Koch, Hy. F. W.	Oct. 22, 1898
172	Kimbrough, Henry Sheppard	Jan. 5, 1899
183	Kelsey, Dan'l M.	Feb. 20, 1899
102	Langley, Jas. W.	May 26, 1898
145	Lukens, Clarence D	Oct. 20, 1898
149	Loesch, George Washington	Oct. 21, 1898
28	Lawrenz, Wm. F	Oct. 28, 1897
66	LeCron, Daniel O. M.	Dec. 17, 1897
33	Lehmberg, Hugo A	Nov. 8, 1897
92	Lewis, Amos F	Feb. 24, 1898
21	Lierman, Wm. J.	Oct. 25, 1897
56	Lindsley, DeCourcey B	Dec 7, 1897
197	Lansburg, Herman M	July 11, 1899
203	Lindenberger, Charles	Sept. 1, 1899
196	Lindenberger, Harry	July 11, 1899
195	Merrill, Frederick B	June 21, 1899
201	McAyeal, Thos. S.	Aug. 28, 1899
189	McKellops, Leo G	May 6, 1899
200	Mifong, Sylvester C	Aug 22, 1899
9	Manhard, Ormond H.	Oct. 19, 1897
25	Marshall, Milton C.	Oct. 27, 1897
75	Marshall, James M.	Jan. 10, 1898
81	Morrow, D. E.	Jan. 18, 1898
4	Moser, Arthur T. E. A.	Oct. 15, 1897
6	Murray, Alexander	Oct. 16, 1897
62	Muth, W. E.	Dec. 14, 1897
118	Morrow, Edwin A.	Sept. 12, 1899
136	Mace, R. H	Oct. 28, 1898
151	Meredith, Isaac Perkins	Oct. 21, 1898
157	Morrison, P. Holmes	Oct. 24, 1898
165	Moore, M. R.	Nov. 15, 1898
124	McManis, Richard C	Oct. 15, 1898
168	McMaster, John A.	Nov. 4, 1898
137	Niemeyer, Ernest L.	Oct. 20, 1898
48	Nelson, Neil P	Nov. 19, 1897
49	Newby, J. B.	Nov. 30, 1897
212	Nevins, George W.	Dec. 13, 1899
143	Owen, Geo. H.	Oct. 20, 1898
161	Osterheld, David	Nov. 5, 1898
120	Pound, Fredk. F.	Sept. 19, 1898
144	Parks, Wm. F.	Oct. 20, 1898
146	Pfaff, Joseph G	Sept. 18, 1898
158	Prinz, Herman.	Oct. 26, 1898
166	Parrish, Richard Lewis.	Nov. 16, 1898
184	Pearson, Maurice W.	Mar 22, 1899
184	Pfaff, Casper Paul	April 8, 1899
8	Parsons, G. H.	Oct. 18, 1897

LIST OF DENTISTS—*Continued.*

No. of Cert.		Date of Registration.
47	Peferling, Theodore L	Nov. 29, 1897
89	Prince L. F	Nov. 13, 1897
38	Pruett, Walter L	Nov. 12, 1897
37	Prosser, A. J	Nov. 12, 1897
202	Pfaff, Henry V	Aug. 29, 1899
207	Reno, C B	Oct. 4, 1899
80	Richardson, Charles W	Jan. 18, 1898
40	Robitoy, George	Nov. 15, 1897
117	Ruge, Julian F	Aug. 29, 1898
140	Rawson, Leslie Emmett	Oct. 20, 1898
141	Reisse, Edward Charles	Oct. 20, 1898
155	Rodomsky, J	Oct. 22, 1898
35	Roddy, W. A	Nov. 10, 1897
82	Romaine, Claude	Jan. 18, 1898
51	Sanders, R T	Dec. 1, 1897
87	Saxemeyer, Herman	Feb. 7, 1898
58	Shelp, Willard B	Dec. 9, 1897
57	Shelp, V. L	Dec. 9, 1897
2	Spalding, J. H	Oct. 12, 1897
26	Stevens, De Mott	Nov. 12, 1897
48	Summa, Carl	Nov. 30, 1897
69	Summa, Richard	Dec. 28, 1897
113	Schumacher, Carl E	June 22, 1898
115	Shelp, E	Aug. 1, 1898
119	Schrantz, Edward	Sept. 17, 1898
135	Stanza, Nathaniel B	Oct. 19, 1898
138	Schulz, Wm. F. A	Oct. 20, 1898
142	Scott, Walter H	Oct 20, 1898
147	Smith, Montana T	Oct. 20, 1898
154	Smith, Hulbert S	Oct. 22, 1898
170	Sullivan, Patrick J	Nov. 29, 1898
177	Sauer, Arthur Ward	Jan. 11, 1899
215	Sappington, Clarence L	Jan. 16, 1900
209	Sargent, Alfred B	Oct. 18, 1899
191	Schiermann, Joseph F	May 22, 1899
187	Shekleton, Thos. H	April 18, 1899
192	Temm, E. W B	June 6, 1899
175	Techirner, Albert P	Jan. 10, 1899
178	Thorpe, E. L	Jan. 17, 1899
71	Thayer, Hanford	Dec. 31, 1897
46	Tiffin, Joseph	Nov. 27, 1897
96	Turner, T. E	Mar. 4, 1898
60	Vaughan, Robert R	Dec. 13, 1897
42	Voyles, Stephen H	Nov. 17, 1897
134	Van Aller, Harry G. G	Oct. 19, 1898
159	Vogt, Rudolph Albert	Oct. 29, 1898
206	Wigginton, Albert B	Sept. 20, 1899
210	Wild, John H	Oct. 31, 1899
100	Wulze, Edward A. F	May 2, 1898
108	Wick, Frank O	June 10, 1898
109	Waldschmidt, August J	June 10, 1898
110	Wick, James W	June 10, 1898
121	Wild, Frank	Oct. 1, 1898
171	Wilburn, Allie Banks	Dec. 24, 1898
180	Williams, James I	Jan. 24, 1899
16	Wear, Robert A	Oct. 22, 1897
44	Whipple, James W	Nov. 23, 1897
53	Whipple, Will L	Dec. 3, 1897
78	Whitsett, Edgar M	Jan. 15, 1898
15	Wilkersham, W. R	Oct. 22, 1897
41	Wieser, Florian J	Nov. 15, 1897
50	Willi ms, Samuel	Nov. 30, 1897
61	Windhorst, M. R	Dec. 14, 1897
55	Wright, Wm. H	Dec. 7, 1897
63	Yeargain, George W	Dec. 15, 1898
101	Young, L. Alvin	May 17, 1897

LIST OF DENTISTS WHO HAVE REGISTERED IN THIS OFFICE IN COMPLIANCE WITH THE ACT OF THE LEGISLATURE, APPROVED MARCH 19, 1897, SINCE MY LAST REPORT.

No. of Cert.		Date of Registration.
221	Bauer, Alfred G.	May 8, 1900
224	Cates, Franklin O.	May 19, 1900
222	Coleman, Ralph C.	May 15, 1900
227	Conroy, John K	July 6, 1900
239	Crowley, Thomas N.	Dec. 27, 1900
232	Dunn, Freeland J.	May 19, 1900
243	Dusseau, Francis X	May 15, 1900
236	Fenton, W. F.	Sept. 18, 1897
237	Hamilton, Charles E	July 25, 1900
223	Hartman, John M.	May 8, 1900
230	Haverstick, Edward E.	May 15, 1900
242	Heizig, Albert W.	Oct. 28, 1900
228	Kehde, Howard A.	May 8, 1900
625	Lark, George M.	June 22, 1900
235	Lischer, Benno E.	Oct. 6, 1900
250	Lourie, Lloyd S.	Sept. 22, 1900
219	McClean. J. Lacey	May 8, 1900
218	Marks, Adolph L.	May 9, 1900
231	Pohl, Edward J.	May 9, 1900
240	Richardson, Elbridge M.	Oct. 24, 1900
217	Scherzinger, Alexander	Mar. 13, 1900
234	Shaul, Dell W.	June 25, 1900
229	Stephens, Charles E.	May 8, 1900
241	Stoeckhoff, Arthur M.	Dec. 15 1900
233	Wavrin, John A	Oct, 24, 1900
226	Weinburger, Emma P.	June 22, 1900
238	Wood, Henry T.	Sept. 22, 1900

LIST OF PHARMACISTS WHO HAVE REGISTERED IN THIS OFFICE IN COMPLIANCE WITH AN ACT OF THE GENERAL ASSEMBLY, APPROVED MARCH 31, 1898.

Date of Record.		No. of Cert.	Date of Certificate.	
July	1, 1898	Achenbach, H. C.	9,008	Oct. 29, 1900
May	4, 1894	Ackenhausen, Wm. A.	11,524	May 1, 1894
July	17, 1898	Ahlbrandt, H. E.	649	Aug. 18, 1881
July	1, 1898	Aldenhoven, Carl Herbert	5,046	April 18, 1887
July	8, 1898	Allen, Charles H.	100	May 8, 1889
July	6, 1898	Allen, John H.	10100	July 16, 1892
July	28, 1898	Alexander, N. W.	1	Aug. 1, 1881
Oct.	26, 1898	Althoff, A. J.	11,061	Oct. 10, 1898
July	3, 1898	Ameling, Frank H.	9,875	April 1, 1892
July	25, 1898	Andreas, Gustavus	108	July 20, 1881
July	15, 1898	Angermuller, W. F.	9,702	Oct. 6, 1891
Sept.	26, 1898	Arner, Emil	7,072	Oct. 1, 1888
July	6, 1898	Aszmann, Aug. F.	10,842	July 3, 1893
July	31, 1898	Augustine, Otto F.	411	Aug. 2, 1881
Mar.	31, 1897	Abel, Louis F	12,296	Mar. 31, 1897
Mar.	31, 1897	Abraham, Will W., Jr	12,297	Mar. 31, 1897
Oct.	27, 1897	Albert, F. W	12,415	Oct. 14, 1897
July	11, 1897	Aufderheide, Wm. D.	11,519	Dec. 24, 1894
Feb.	11, 1899	Arras, C. G.	12,135	Mar. 24, 1896
Mar.	26, 1900	Angermueller, E. P.	12,750	Mar. 23, 1900
Mar.	30, 1900	Breitenpoehler, Wm. G.	12,758	Mar. 23, 1900
July	13, 1898	Byrne, T. F.	12,575	July 8, 1893
Jan.	14, 1898	Bauer, Alfred G.	12,444	Jan. 12, 1898
Aug.	5, 1897	Bauer, Edward C.	12,259	Jan. 13, 1897
Jan.	29, 1898	Behrens, G. W.	12,447	Jan. 12, 1898
Jan.	13, 1897	Barnes, E. R.	11,161	Jan. 8, 1894
Nov.	20, 1896	Bergen, Dell	11,704	April 12, 1895
Jan.	20, 1897	Bredeman, F. W.	12,263	Jan. 13, 1897
July	27, 1898	Bade, William	283	July 25, 1881
July	1, 1898	Baesler, J. B.	484	Aug. 4, 1881
July	31, 1898	Balz, E. C.	9,785	Jan. 5, 1892
Dec.	8, 1898	Barber, Joel H.	11,503	Dec. 6, 1894
July	29, 1898	Barber, S. R.	9,784	Jan. 5, 1892
Aug.	5, 1898	Bartcher, Hugo W.	9,780	Dec. 30, 1891
Mar.	8, 1895	Barkadale, R. C.	9,702	Oct. 6, 1891
July	1, 1898	Bauer, E. G.	8,990	Oct. 23, 1890
July	1, 1898	Bartmer, Adolph H.	7,079	April 19, 1889
July	8, 1898	Bang, Charles	559	Aug. 10, 18 1
July	11, 1898	Barnes, Algernon S., Jr	10,202	Oct. 17, 1892
July	24, 1898	Barkhoefer, Henry W.	965	Jan. 4, 1892
July	8, 1898	Baron, William	9,915	April 4, 1892
July	1, 1898	Bear, John H.	9,607	July 7, 1891
Feb.	15, 1894	Bausch, Oscar F. C.	8,738	Mar. 19, 1884
May	7, 1894	Baumeister, Charles	10,276	Jan. 11, 1893
July	1, 1898	Bohannan, William F.	576	Aug. 11, 1881
July	1, 1898	Bendel, Charles A.	78	July 18, 1881
July	1, 1898	Bolm, Wm. C.	655	Aug. 18, 1881
July	8, 1898	Billerth, George	510	Aug. 5, 1881
July	8, 1898	Bredemeyer, Charles	222	July 25, 1881
July	6, 1898	Braun, Adolph	23	July 15, 1881
July	6, 1898	Behrens, Louis	7,034	Jan. 2, 1888
July	6, 1898	Berg, George G.	8,741	Mar. 31, 1884
July	7, 1898	Braun, Henry	268	July 27, 1881
July	8, 1898	Bode, Theo. C.	10,604	April 21, 1898
July	11, 1898	Burkart, E. H.	9,787	Jan. 5, 1892
July	11, 1898	Bente, Wm. F.	9,786	Jan. 5, 1892
July	12, 1898	Boehm, Solomon	629	Aug. 16, 1881
July	12, 1898	Bohannan, Charles A.	129	July 20, 1881
July	13, 1898	Bogy, John Louis	8,699	April 25, 1890
July	13, 1898	Bockstruck, W. F.	10,872	July 12, 1898
July	13, 1898	Bradley, Arthur H.	9,936	April 9, 1892
July	13, 1898	Brammeier, William H.	10,630	April 27, 1898
July	13, 1898	Brandon, Gus.	289	July 28, 1881
July	14, 1898	Bodemann, John W.	10,521	April 6, 1898
July	18, 1898	Blum, G. L.	9,096	Dec. 11, 1890
July	19, 1898	Bentz, Albert P.	654	Aug. 18, 1881
July	20, 1898	Borchers, Charles E.	153	July 21, 1881
July	24, 1898	Brinkman, Edward	8,063	April 1, 1889
July	25, 1898	Bourscheidt, Julius	90	July 19, 1881
July	25, 1898	Brueggemann, A. E.	8,355	Jan. 6, 1890
July	26, 1898	Buenger, Herman Wm.	417	Aug. 8, 1881
July	27, 1898	Byrne, Dennis A.	614	Aug. 15, 1881
July	27, 1898	Bachmann, Emil	267	July 27, 1881
July	27, 1898	Bribach, B.	10,966	July 27, 1893

LIST OF PHARMACISTS—*Continued.*

Date of Record.		No. of Cert.	Date of Certificate.	
July	27, 1893 Borton, James M	10,969	July	27, 1893
July	28, 1893 Boone, U. S	7,104	Aug.	17, 1888
July	28, 1893 Behrens, Emil O	9,883	April	4, 1892
July	28, 1893 Bryant, W. A	9,789	Jan.	5, 1892
July	28, 1893 Blank, Alois	238	July	26, 1881
July	28, 1893 Bernays, C. L	792	Aug.	26, 1881
July	28, 1893 Branch, William, Jr	7,061	Jan.	7, 1889
July	29, 1893 Bernius, E. A	8,359	Jan.	6, 1890
July	29, 1893 Blank, Charles F	10,976	July	28, 1893
Aug.	2, 1893 Brenner, Henry C	9,610	July	8, 1891
Aug.	3, 1893 Bergmann, Emil	10,089	July	6, 1892
Aug.	14, 1893 Brockmann, John H	93	July	18, 1881
Oct.	14, 1893 Billerth, William	11,062	Oct.	10, 1893
Dec.	7, 1893 Breaker, James J	9,980	April	26, 1892
Dec.	22, 1893 Bracy, S. V	11,063	Oct.	10, 1893
Jan.	9, 1894 Britch, Frank M	11,159	Jan.	8, 1894
Jan.	24, 1894 Biermann, H. F. C	11,191	Jan.	17, 1894
Feb.	15, 1894 Bausch, Oscar F. C	8,738	March	19, 1894
April	3, 1894 Buhman, Rudolph	11,242	April	3, 1894
April	17, 1894 Broude, Sergius	11,257	April	11, 1894
April	21, 1894 Boulware, Emmett M	11,303	April	20, 1894
April	24, 1894 Bernsch, Adolph C	11,296	April	19, 1894
Aug.	30, 1894 Bowman, S. L	9,494	May	5, 1891
Oct.	24, 1894 Bonewitz, John	11,436	Oct.	8, 1894
Nov.	9, 1894 Boehm, Joseph Leopold	11,439	Oct.	8, 1894
Dec.	17, 1894 Blech, Gustavus	11,514	Dec.	15, 1894
Jan.	28, 1895 Buse, Benjamin E	11,568	Jan.	28, 1895
March	19, 1895 Beell, Leo J	11,624	March	19, 1895
April	19, 1895 Brockmann, Charles G	11,775	April	17, 1895
Feb.	24, 1896 Blackwell, Wm. E	11,797	April	20, 1895
July	1, 1893 Caffall, Charles	3,450	Oct.	5, 1885
July	1, 1893 Craemer, Wm. F. G	8,981	Oct.	21, 1890
July	5, 1893 Clausen, Henry	912	Oct.	3, 1881
July	5, 1893 Cummins, William	3,689	June	27, 1888
July	7, 1893 Claus, Otto	531	Aug.	8, 1881
July	11, 1893 Coelln, Charles V	199	July	23, 1881
July	13, 1893 Carey, Francis P	9,616	July	12, 1891
July	13, 1893 Carey, Joseph T	10,205	Oct.	19, 1892
July	15, 1893 Clark, Wm. R	7,105	Aug.	28, 1888
July	17, 1893 Craighead, Gordon G	10,279	Jan.	11, 1893
July	19, 1893 Connor, James F	611	Aug.	15, 1881
July	20, 1893 Cummings, John F	10,335	July	3, 1893
July	24, 1893 Crutcher, P. F	9,790	Jan.	5, 1892
July	24, 1893 Crusius, Theodore	8,979	Oct.	20, 1890
July	26, 1893 Crusius, Alex	7,079	Jan.	7, 1889
July	29, 1893 Cushman, George H	8,681	April	7, 1890
July	29, 1893 Cherry, Wm. W	9,576	June	25, 1891
July	31, 1893 Cassilly, John L	917	Sept.	30, 1881
July	31, 1893 Chapline, Jesse G	8,234	Oct.	1, 1889
Aug.	12, 1893 Carson, Wm. B	4,065	July	19, 1886
Oct.	11, 1893 Christman, Fred	11,065	Oct.	10, 1893
Dec.	21, 1893 Carsow, R. B	10,277	Jan.	11, 1893
Jan.	18, 1894 Clark, W. A	11,160	Jan.	8, 1894
Nov.	26, 1894 Church, Harry L	11,453	Nov.	20, 1894
Aug.	28, 1895 Converse, Elam H	11,455	Nov.	20, 1894
April	23, 1895 Cook, Earl	11,542	Jan.	16, 1895
June	4, 1895 Carroll, Thomas F. X	11,941	June	4, 1895
Oct.	20, 1896 Christopher, Fred'k A	12,226	Oct.	14, 1896
Nov.	11, 1896 Cody, H. L	12,098	Jan.	13, 1896
March	31, 1899 Crow, T. Lyle	12,646	March	29, 1899
March	13, 1899 Curts, W	12,481	March	31, 1896
Oct.	17, 1899 Collins, John A	12,724	Oct.	10, 1899
April	4, 1900 Craemer, C. W	12,755	March	23, 1900
March	28, 1900 Davidson, Ira M	10,704	May	27, 1893
April	21, 1893 Dehne, Max	112	July	19, 1881
April	17, 1896 Dancy, Lucius	12,137	March	24, 1896
Oct.	16, 1896 Dreisverner, Arnold	12,227	Oct.	14, 1896
May	4, 1895 Deatheridge, Wm. H	11,524	April	26, 1895
Nov.	13, 1895 Drace, R. Edward	11,754	April	15, 1895
July	1, 1893 Doering, Henry	106	July	20, 1881
July	1, 1893 Douglass, J. R	3,809	April	5, 1886
July	1, 1893 Doering, Chas. A	9,297	March	19, 1891
July	3, 1893 Davis, Elmer F	7,041	Jan.	2, 1888
July	12, 1893 D'Amour, Otto	653	Aug.	18, 1881
July	17, 1893 Dillon, John S	10,051	June	9, 1891
July	24, 1893 Dunlap, Elbert	9,387	April	10, 1891

LIST OF PHARMACISTS—*Continued.*

Date of Record.			No. of Cert.	Date of Certificate.	
July	24, 1896	Danenhaus, H F	137	July	21, 1881
July	29, 1896	Dunne, Joseph M.	10,628	April	26, 1893
July	31 1896	Diesing, Victor	10,281	Jan.	11, 1893
Aug.	2, 1893	Deuber, George R	9,861	Mar.	28, 1892
Aug.	31, 1893	Davis, Emmet M	5,063	April	4, 1887
Dec	27, 1897	Daudt, Emil W	11,321	April	27, 1894
Nov.	6, 1897	Driscoll, Edward	12,420	Oct.	14, 1897
July	12, 1893	Eckhart, George W	10,830	July	1, 1893
July	18, 1893	English, W. M	10,040	July	6, 1892
July	21, 1893	Eyermann, E. H	10,285	Jan.	11, 1893
July	25, 1893	Engel, Alphonsus J	8,381	Jan.	6, 1890
July	26, 1893	Eckert, Charles V	7,038	July	2, 1888
July	26, 1893	Erwin, Hugo	9,727	Oct.	13, 1891
July	26, 1893	Enderle, Adolph G	7,121	Jan.	8, 1889
July	27, 1893	Elliott, W. E	10,525	April	6, 1893
July	28, 1893	Ernst, Edward J	8,199	Oct.	7, 1889
Aug.	22, 1893	Englert, Victor L	10,332	Feb.	7, 1893
Sept.	27, 1893	Etavard, R. T	8,766	June	5, 1890
May	4, 1895	Eberlein, Edwin W	11,740	April	15, 1895
Jan.	27, 1896	Eckhart, Richard J	12,101	Jan.	13, 1896
Jan.	18, 1896	Ettmueller, Otto	12,100	Jan.	13, 1896
Jan.	15, 1897	Eibrecht, Oscar H	12,266	Jan.	13, 1887
April	27, 1896	Everett, W. G	12,172	April	16, 1896
April	18, 1896	Fisher, Oscar H	12,102	Jan.	13, 1896
May	20, 1895	Ferguson, J. G. B	4,167	Mar.	2, 1881
June	3, 1895	Ford, John F	11,990	June	15, 1895
July	1, 1893	Friedewald, Herman W	9,729	Oct.	14, 1891
July	1, 1893	Fritz, John A	5,018	Jan.	25, 1887
July	3, 1893	Finke, Augustus	9,594	July	7, 1891
July	6, 1893	Fuller, Henry	75	July	18, 1881
July	7, 1893	Foelling, Emil	10,182	Oct.	4, 1892
July	10, 1893	Fisher, Henry	232	July	26, 1881
July	10, 1893	Fleming, William S	10,840	July	3, 1893
July	10, 1893	Funke, A. F	10,188	Oct.	4, 1892
July	18, 1893	Feager, Theo	367	Aug.	1, 1881
July	18, 1893	Funsch, Oliver	8,791	April	5, 1886
July	21, 1893	Fischer, Otto F	10,596	April	18, 1893
July	21, 1893	Fischer, Albert Martin	5,051	May	23, 1887
July	24, 1893	Fischer, Louis A	10,948	July	24, 1893
July	24, 1893	Friedeberg, A. H	7,117	Nov.	5, 1888
July	24, 1893	Fahlen, Julius	5,014	Jan.	6, 1887
July	25, 1893	Friess, Jacob	5,773	July	30, 1885
July	25, 1893	Funsch, A. J	9,770	Dec.	15, 1891
July	26, 1893	Fiquet, Paul E	193	July	22, 1881
July	27, 1893	Fischer, Julius V	9,055	Nov.	20, 1890
July	31, 1893	Ferrell, John	10,988	July	31, 1893
July	31, 1893	Fricke, Fred C	9,999	May	10, 1892
July	31, 1893	Francis, John	529	Aug.	6, 1881
July	31, 1893	Fernow, John A	10,997	July	31, 1893
Aug.	8, 1893	Fischer, Herman	647	Aug.	18, 1881
Dec.	11, 1893	Fox, Francis W	11,111	Nov.	4, 1893
Feb.	8, 1894	Frielingsdorf, Ewald H	11,203	Feb.	8 1894
April	25, 1894	Fischer, Rudolph F	11,318	April	24, 1894
April	25, 1894	Finke, Adolph M	11,307	April	20, 1894
June	11, 1894	Fienup, Theo. F	11,306	April	20, 1894
June	12, 1894	Flanders, Alton A	11,389	July	9, 1894
Aug.	6, 1894	Flippen, James H	11,162	Jan.	8, 1894
April	14, 1898	Fahrenkog, W. F	12,482	Mar.	31, 1898
Aug.	11, 1898	Fick, Wesley C	12,304	Mar.	31, 1897
April	4, 1900	Frank, Herman	12,765	Mar.	28, 1900
May	1, 1899	Gray, Robt. N	3,706	June	4, 1899
Feb.	2, 1900	Greensfelder, Henry B	12,747	Feb.	2, 1900
Mar.	1, 1900	Guttmann, John A	11,801	April	20, 1894
May	31, 1898	Groene, Paul A	12,306	Mar.	31, 1897
July	1, 1893	Goehring, John G	628	Aug.	16, 1881
July	1, 1893	Gaertner, Robert H	7,026	July	2, 1881
July	1, 1893	Garthoffner, Frank C	8,342	Jan.	6, 1890
July	1, 1893	Glenn, Thomas S	116	July	20, 1881
July	3, 1893	Graichen, F. A	322	July	29, 1881
July	3, 1893	Griesback, Henry F	433	Aug.	3, 1881
July	6, 1893	Giersen, J. L. G	627	Aug.	16, 1881
July	11, 1893	Guiath, Charles	363	Aug.	1, 1881
July	13, 1893	Gibson, James	478	Aug.	4, 1881
July	13, 1893	Grant, W. R	10,868	July	12, 1893
July	14, 1893	Guhman, Nicholas	53	July	16, 1881
July	14, 1896	Goehring, G. H. M	10,905	July	14, 1893

LIST OF PHARMACISTS—*Continued.*

Date of Record.		No. of Cert.	Date of Certificate.	
July	19, 1893 Grandjean, Eugene	480	Aug.	3, 1881
July	19, 1893 Grandjean, Charles L	482	Aug.	3, 1881
July	22, 1893 Goode, J. M	23	July	15, 1881
July	24, 1893 Guerdan, John	10,812	June	28, 1893
July	25, 1893 Gest, Albion P	10,678	May	16, 1893
July	26, 1893 Godron, Emil W	10,961	July	26, 1893
July	28, 1893 Gatewood, R. A. J. L	9,070	Nov.	25, 1890
July	29, 1893 Graf, J. P	9,708	Oct.	6, 1891
July	31, 1893 Grindon, Arthur T	52	July	16, 1881
July	31, 1893 Gardner, B A	10,882	July	12, 1893
July	31, 1893 Glass, Gustavus A	10,986	July	31, 1893
Aug.	1, 1893 Geller, Joseph X	.....	April	17, 1893
Aug.	1, 1893 Geitner, Charles	782	Aug.	23, 1881
Sept.	5, 1893 Geifler, Charles F	8,364	Jan.	6, 1890
Sept.	6, 1893 Gunman, Matthew G	9,410	April	10, 1891
Sept.	6, 1893 Guhman, John O	8,516	Mar.	20, 1890
April	30, 1894 Grebe, Emil	8,559	Oct.	7, 1890
Oct.	29, 1894 Gray, John M	11,068	Oct.	10, 1893
Nov.	1, 1894 Greve, Louis F	8,348	Jan.	6, 1890
Jan.	17, 1896 Green, McQuillan Dr	11,918	May	23, 1895
Jan.	18, 1896 Ge mann, William F	12,106	Jan.	13, 1896
Jan.	21, 1896 Gross, Christ F. H	12,105	Jan.	13, 1896
Jan.	27, 1896 Gerber, Rud. M	12,104	Jan.	13, 1896
April	14, 1896 Garvin, W. S	12,188	Mar.	24, 1896
Aug.	18, 1896 Gerke, W. E	12,139	Mar.	24, 1896
Oct.	29, 1896 Grabenschroer, Fred C	12 230	Oct.	14, 1896
Oct.	15, 1896 Grailke, Herman A	12,232	Oct.	14, 1896
Mar.	9, 1898 Gibson, Geo. R	12,428	Oct.	14, 1897
Feb.	7, 1898 Goldman, Harry	12,452	Jan.	12, 1898
Oct.	18 1897 Guerich, W	12,424	Oct.	14, 1897
June	25, 1897 Herzog, Fred H	12,271	Jan.	13, 1897
Oct.	27, 1897 Hezekiah, Gregg	3,453	Oct.	5, 1885
Jan.	24, 1898 Hogan, Frank R	12,397	July	14, 1897
June	29, 1897 Holcomb, B. F., M. D	12,278	Jan.	13, 1897
Jan.	27, 1898 Huegel, Henry A	12,454	Jan.	12, 1898
Mar.	31, 1897 Haverman, Fred	12,307	Mar.	31, 1897
Nov.	17, 1896 Henckler, Emil H	12,234	Oct.	14, 1896
Aug.	5, 1896 Herbert, Charles	12,070	Oct.	16, 1895
Oct.	16, 1896 Herman, Theo. H	12,235	Oct.	14, 1896
June	11, 1896 Higgins, Geo. B	12,071	Oct.	16, 1895
April	1, 1897 Hoenig, W. L	12,309	Mar.	31, 1897
April	3, 1897 Huger, Bernard C	12,310	Mar.	31, 1897
June	3, 1895 Hall, Thos. H	11,966	June	14, 1895
July	5, 1895 Haverstick, G. W	11,649	May	29, 1895
Aug.	20, 1895 Hautz, Joseph L	11,148	Dec.	20, 1893
Mar.	28, 1896 Hicks, J. B	12,141	Mar.	24, 1896
July	1, 1893 Hock, Harry F	9,150	Jan.	6, 1891
July	1, 1893 Hoenny, A. J	3,755	Sept.	19, 1884
July	3, 1893 Hoyer, Hugo	217	July	25, 1881
July	3, 1893 Hoyer, Oswald	218	July	25, 1881
July	5, 1893 Herkert, F. C	8,042	April	1, 1889
July	5, 1893 Helmig, F. W	332	July	30, 1881
July	5, 1893 Hartnagel, Gus A	8,710	Oct.	24, 1883
July	5, 1893 Hemm, Francis	10,841	July	3, 1893
July	7. 1893 Haeberle, Christ	8,976	Oct.	20, 1890
July	10, 1893 Huber, Julius B	869	Sept.	15, 1881
July	10, 1893 Hirsch, Charles W	196	July	23, 1881
July	14, 1893 Hansmann, Theo. E	9,681	Sept.	15, 1891
July	14, 1893 Harris, E. N	509	Aug.	5, 1881
July	18, 1893 Hassebrock, John F	8,973	Oct.	18, 1890
July	19, 1893 Herman, G. A	9,109	Dec.	18, 1890
July	19, 1893 Heise, Henry	9,026	Nov.	11, 1890
July	20, 1893 Hoffmann, Theo	9,677	Sept.	1, 1891
July	21, 1893 Hagee, W. P	2,086	July	25, 1881
July	24, 1893 Henrich, William P	10,561	April	11, 1893
July	24, 1893 Hecker, Frank H	10,926	July	20, 1893
July	24, 1893 Haeusgen, Geo. F	8,980	Oct.	22, 1890
July	25, 1893 Herman, Bernard J	1,037	June	2, 1892
July	25. 1893 Horstmann, Albert D	10,720	June	2, 1893
July	26, 1893 Hagenow, Theo F	9,133	Jan.	2, 1891
July	28, 1893 Hicks, W. P	10,975	July	28, 1893
July	28, 1893 Ha gen, Louis C	9,023	Nov.	8, 1890
July	29, 1893 Habel, E. C	9,079	Nov.	29, 1890
July	29, 1893 Hilby, Joseph E	10,965	July	27, 1893
July	29, 1893 Hughson, James A	10,119	Aug.	10, 1892
July	29, 1893 Heitmeyer, Oscar H	10,965	July	29, 1893

LIST OF PHARMACISTS—*Continued.*

Date of Record.		No. of Cert.	Date of Certificate.	
July	29, 1893 Harder, Ulrich	9 657	Aug.	12, 1891
July	31, 1893 Holschen, Joseph J	8,350	Jan.	6, 1890
July	31, 1893 Horwitz, Max R	10,570	April	14, 1893
July	31, 1893 Heyer, Ottmar W	10,994	July	31, 1893
July	31, 1893 Heinrich, Max P	9,792	Jan.	5, 1892
July	31, 1893 Hassebrock, H. F	578	Aug.	11, 1881
Aug.	7, 1893 Heckelmann, John A	3,812	July	12, 1886
Aug.	16, 1893 Hoelke Henry	8,985	Oct.	21, 1890
Aug.	17, 1893 Haugaard, Peter	10,065	June	20, 1892
Sept.	18, 1893 Houck, F. A	10,532	April	6, 1893
Sept.	27, 1893 Helwig, Henry J	9,022	Nov.	7, 1890
Sept.	29, 1893 Halpin, Thomas	11,054	Sept.	28, 1893
Oct.	11, 1893 Harris, Wm. Ross	11,069	Oct.	10, 1893
Oct.	14, 1893 Hemm, J	3	July	13, 1881
Jan.	23, 1894 Hahn, Charles	11,164	Jan.	8, 1894
Feb.	28, 1894 Hoogen, Franz F. A	8,999	Oct.	27, 1890
May	24, 1894 Henderson, Robert Guy	11,345	May	24, 1894
Feb.	9, 1899 Harris, E. Lenwood	12,308	Mar.	31, 1897
April	14, 1898 Heintz, Edward L	12,486	Mar.	31, 1898
Dec.	8, 1898 Hohlt, Ed. F	12,313	Mar.	31, 1897
April	19, 1900 Huhn, Arthur	12,658	Mar.	29, 1899
July	5, 1893 Ittner, William F	9,154	Jan.	6, 1891
July	24, 1893 Ilg, Theo	8,354	Jan.	6, 1890
July	31, 1893 Impey, W. F	1,036	July	19, 1881
Sept.	27, 1893 Ilch, Otto B	8,356	Jan.	6, 1890
Feb.	6, 1894 Ilhardt, Wm. K	9,017	Nov.	6, 1890
June	15, 1897 Ittner, Edward H	12,314	Mar.	31, 1897
Mar.	5, 1898 Jaeger, Ernest C	12,478	Mar.	3, 1898
July	1, 1893 Jungling, F. S	650	Aug.	18, 1881
July	1, 1893 Judge, Charles R	3,761	Jan.	10, 1885
July	5, 1893 Jacobs, George C	9,946	Oct.	7, 1890
July	5, 1893 Jost, Balthaser	675	Aug.	19, 1881
July	17, 1893 Johnson, Carson P	456	Aug.	4, 1881
May	29, 1895 Jeude, Julius John	11,783	April	18, 1895
June	3, 1895 Jones, Wm. Canfield	11,753	April	15, 1895
Sept.	30, 1896 Jones, James A	12,221	Sept.	26, 1896
Jan.	6, 1899 Jones, Joseph Evans	9,254	Feb.	24, 1891
May	11, 1898 Karsch, George C	12,489	Mar.	31, 1898
Nov.	9, 1896 Kaye, J. W	12,599	Oct.	25, 1898
Mar.	8, 1899 Keiffer, S. J	9,393	April	10, 1891
April	21, 1898 Kriechbaum, H. W	12,490	Mar.	31, 1898
Jan.	17, 1899 Klie, Constantine M. T	12,612	Jan.	12, 1899
Sept.	6, 1889 Knighten, J. A	1,350	Aug.	3, 1881
April	2, 1897 Kleinschmidt, A. A	12,316	Mar.	31, 1897
Jan.	16, 1897 Klie, Carl G. E	12,275	Jan.	13, 1897
Aug.	18, 1896 Kohl, W. J	12,206	July	15, 1896
April	27, 1896 Konselman, Otto W	12,142	Mar.	24, 1896
April	27, 1895 Klippel, Hy. A. B	11,758	April	15, 1895
Dec.	30, 1895 Kincaid, George E	11,648	Jan.	16, 1895
Jan.	21, 1896 Kelley, E. H	12,073	Oct.	16, 1895
Feb.	8, 1898 Kopp, Otto H	11,772	April	17, 1895
Mar.	27, 1896 Kaufmann, A. F	12,143	Mar.	24, 1896
July	1, 1893 Koch, Julius E	704	Aug.	20, 1881
July	1, 1893 Klie, G. H. Chas	10,794	June	24, 1893
July	3, 1893 Knecht, Carl	5,130	June	4, 1887
July	3, 1893 Kuenster, Emile	9,111	Dec.	20, 1890
July	5, 1893 Klie, Edmund	10,631	April	27, 1893
July	5, 1893 Kahre, William F	9,895	April	5, 1892
July	5, 1893 Koenig, Herman O	7,050	Jan.	2, 1888
July	6, 1893 Kunkel, David C	7,067	June	7, 1889
July	10, 1893 Kattelmann, Henry A	8,347	Jan.	6, 1890
July	10, 1893 Kring, Eugene C	3,730	Jan.	8, 1884
July	10, 1893 Kring, Gustave	9,036	Nov.	14, 1890
July	11, 1895 Kruse, Henry J	10 287	Jan.	11, 1893
July	12, 1893 Kring, Richard	3,456	Oct.	5, 1885
July	13, 1893 Koetter, Wm. H	7,112	Sept.	27, 1888
July	18, 1893 Klipstein, Theodore	408	Aug.	2, 1881
July	19, 1893 Kempff, William	362	Aug.	1, 1881
July	19, 1893 Koch, Gustavus	652	Aug.	18, 1881
July	20, 1893 Klinge, George	10,601	April	21, 1893
July	24, 1893 Kohler, Hugo W	195	July	23, 1881
July	24, 1893 Kreuger, William	3,711	Dec.	15, 1883
July	24, 1893 Kleinschmidt, A. A	10,936	July	21, 1893
July	24, 1893 Koberlin, Erwin J	130	July	20, 1881
July	25, 1893 Keim, Henry	10,827	June	30, 1893
July	25, 1893 Koeneke, Charles H	9,048	Nov.	19, 1890

LIST OF PHARMACISTS—*Continued.*

Date of Decord.			No. of Cert.	Date of Certificate.	
July	25,	1893 Kaltwasser, A. P	221	July	25, 1881
July	26,	1893 Kauffmann, Louis	8,362	Jan.	6, 1890
July	26,	1893 Kaut, Philip	774	Aug.	25, 1881
July	27,	1893 Klocke, Frank W	8,049	April	1, 1889
July	27,	1893 Kettenbach, Robert P	3,778	Nov.	23, 1885
July	27,	1893 Kohrumel, W. J. A	10,945	July	26, 1893
July	28,	1893 Kneedler, H. D	9,929	April	7, 1892
July	29,	1893 Kronenberg, Dirk	281	July	28, 1881
July	29,	1893 Kunz, Herman A	9,586	July	2, 1891
July	29,	1893 Kuhlmey, W	145	July	21, 1881
July	29,	1893 Klute, Albert H	393	Nov.	26, 1881
July	31,	1893 Kohrumel, Edward O	10,996	July	31, 1893
July	31,	1893 Klug, Julius	10,995	July	31, 1893
Aug.	1,	1893 Knapp, Louis	10,998	July	31, 1893
Aug.	3,	1893 Kosciolski, Ernst	9,148	Jan.	6, 1891
Aug.	3,	1893 Kalbfleisch, Henry C	11,000	Aug.	1, 1893
Oct.	11,	1893 Koch, Albert H	11,073	Oct.	10, 1893
Oct.	11,	1893 Kroeker, Henry W	9,665	Aug.	24, 1891
Oct.	16,	1893 Koch, Charles	11,071	Oct.	10, 1893
Nov.	15	1893 Koch, Fred W	11,072	Oct.	10, 1893
April	30,	1894 Kohl, Charles W	11,317	April	24, 1894
Sept.	7,	1894 Kernan, T. J	718	Aug.	22, 1881
Dec.	28,	1894 Klostermann, Henry E	11,166	Jan.	8, 1894
Mar.	18,	1895 Knoch, Max	11,547	Jan.	16, 1895
Sept.	17,	1897 Kalls, Murray	12,315	Mar.	31, 1897
Jan.	15,	1898 Kidd, Albert J	12,425	Oct.	14, 1897
June	15,	1899 Kissel, Barth L	12,704	June	14, 1899
June	19,	1899 Kurka, Joseph F	12,705	June	14, 1899
April	7,	1900 Lesaulnier, Edward	11,302	April	20, 1894
May	1,	1897 Littlefield, H. A	12,276	Jan.	18, 1897
June	8,	1897 Lueke, Fred W	12,318	Mar.	31, 1897
July	1,	1893 Litchfield, Daniel S	3,102	Mar.	6, 1882
July	1,	1893 Lehmann, Emil H	10,289	Jan.	11, 1893
July	1,	1893 Lohmann, Julius F	331	July	30, 1881
July	3,	1893 Lang, Frederick	6,028	July	11, 1887
July	8,	1893 Luyties, Henry R	4,081	June	19, 1893
July	10,	1893 Ludwig, Andreas S	10,268	Jan.	3, 1893
July	10,	1893 Land, Robert A	6,064	Oct.	3, 1887
July	11,	1893 Luer, Theo. A	10,773	June	19, 1893
July	14,	1893 Lauburg, Otto W	10,663	May	9, 1893
July	20,	1893 Lyda, G. C	8,562	Mar.	20, 1890
July	20,	1893 Ludwig, B. J	6,019	Sept.	27, 1887
July	21,	1893 Layton, Thomas	17	July	14, 1881
July	21,	1893 Layton, Thomas A	9,031	Nov.	12, 1890
July	21,	1893 Layton, F. Emmett	9,045	Nov.	18, 1890
July	24,	1893 Love, C. H	177	July	27, 1881
July	25,	1893 Livingston, Samuel	7,033	Jan.	2, 1888
July	26,	1893 Lehman, Fred R	10,927	July	20, 1893
July	27,	1893 Lips, Charles A	679	Aug.	20, 1881
July	31,	1893 Luecking, Geo. A	10,993	July	31, 1893
July	31,	1893 Liebmann, A. B	10,322	Jan.	26, 1893
Aug.	7,	1893 Lehmann, Louis John	9,394	April	10, 1891
Aug.	7,	1893 Lehmann, Charles	9,529	May	26, 1891
Nov.	28,	1893 Loelkers, Alex. G	11,121	Nov.	17, 1893
April	24,	1894 Luyties, Frederick	11,308	April	20, 1894
Oct.	29,	1894 Leisch, Herbert	8,791	June	20, 1890
Mar.	13,	1895 Larimore, O. C	9,832	Feb.	19, 1892
Oct.	25,	1895 Lindemann, Wm. F	9,881	April	2, 1892
July	11,	1895 Lutz, Edw. F	11,550	Jan.	16, 1895
Mar.	27,	1896 Leffler, Ernst A	12,145	Mar.	24, 1896
Oct.	16,	1896 Laufer, Thos. P	12,239	Oct.	14, 1896
Jan.	8,	1897 Lower, R. H	8,463	Mar.	26, 1881
June	10,	1898 Lehmann, B	12,456	Jan.	12, 1898
June	28,	1898 Miller, H. Edward	12,564	Jan.	15, 1898
April	5,	1899 Miller, Jas. A	11,230	Mar.	26, 1894
June	1,	1898 Moeller, Fred A	12,457	Jan.	12, 1898
May	16,	1898 Marquardt, A. V	12,108	Jan.	18, 1898
Jan.	18,	1897 Merren, C. D	12,241	Oct.	14, 1896
Jan.	5,	1897 Moore, Harry G	12,149	Mar.	24, 1896
Nov.	13,	1896 Morrison, Harry Howard	10,896	Mar.	22, 1893
June	2,	1896 Murmann, Geo. B	12,109	Jan.	13, 1896
Nov.	13,	1896 Merker, Chas. F	11,723	April	12, 1895
Dec.	31,	1895 Mueller, Rudolph	12,076	Oct.	15, 1895
Mar.	28,	1896 Miller, Theo. L	12,148	Mar.	24, 1896
Mar.	30,	1896 Mager, J. C	12,146	Mar.	24, 1896
April	20,	1895 McCall, Green D	11,800	April	20, 1895

LIST OF PHARMACISTS—*Continued.*

Date of Record.			No. of Cert.	Date of Certificate.	
April	22, 1895	McIlwain, Chas. Ed	11,681	April	10, 1895
April	30, 1895	McAfee, Clifton A	11,825	April	25, 1895
July	1, 1893	Mynders, Arnold H	9,016	Nov.	6, 1890
July	1, 1893	Menkhaus, J. Bernard	8,194	Oct.	7, 1889
July	1, 1893	Meyers, P	3,104	Mar.	6, 1882
July	3, 1893	Mueller, Charles	7,093	Mar.	21, 1889
July	3, 1893	Meyers, William	10,292	Jan.	11, 1893
July	5, 1893	Motz, Fred J	10,802	June	27, 1893
July	5, 1893	Moxter, Ernst D	290	July	23, 1881
July	5, 1893	Merz, Louis	7,095	April	5, 1889
July	5, 1893	Muller, Ambrose	8,590	April	7, 1890
July	10, 1893	Muelhelm, Charles	9,712	Oct.	6, 1891
July	13, 1893	May, Charles C	9,015	Nov.	6, 1890
July	14, 1893	Marten, E. R	226	July	25, 1881
July	14, 1893	Meyer, Fred C	7,077	Jan.	7, 1889
July	17, 1893	Morgner, K	903	Sept.	27, 1881
July	21, 1893	Macdonald, C. E. S	105	July	20, 1881
July	21, 1893	Mengel, Charles E	9,146	Jan.	6, 1891
July	21, 1893	Miller, Robert F	10,648	May	4, 1893
July	24, 1893	Masson, Joseph W	603	Aug.	15, 1881
July	24, 1893	Medler, Edward E	9,145	Jan.	6, 1891
July	24, 1893	Metz, William H	9,578	July	2, 1891
July	25, 1893	Mueller, Vincent	4,045	April	5, 1886
July	25, 1893	Milne, Charles	10,953	July	25, 1893
July	25, 1893	Meyer, Fred J	10,938	July	21, 1893
July	28, 1893	Menestrina, F	3,628	Sept.	4, 1882
July	28, 1893	Meyers, Joseph E	4,262	Sept.	7, 1884
July	28, 1893	Methudy, Jos. P	8,996	Oct.	25, 1890
July	28, 1893	Meredith, C. A	10,577	April	15, 1893
July	29, 1893	Miller, Wm. Leland	10,108	July	27, 1892
Aug.	22, 1893	Medlin, P. A	125	July	20, 1881
Aug.	29, 1893	Manderbach, Cyrus L	10,029	May	27, 1892
Sept.	11, 1893	Mastbrook, Alex	11,015	Aug.	18, 1893
Sept.	21, 1893	Macdonald, Allan D	8,045	April	1, 1889
Sept.	25, 1893	May, Edward J	10,709	June	23, 1893
Sept.	27, 1893	Meinig, Gustav C	10,740	June	28, 1893
Nov.	10, 1893	Mueller, George	10,599	April	20, 1893
Dec.	26, 1893	Martinis, E. L	10,290	Jan.	11, 1893
Feb.	19, 1894	Marmaduke, F. V	10,184	Oct	4, 1892
Dec.	29, 1894	Mobbs, F. J	11,169	Jan.	8, 1894
July	25, 1893	McMinn, John C	7,078	Jan.	7, 1889
July	28, 1893	McBride, John C	10,667	May	10, 1893
Sept.	15, 1893	McAuliffe, F. C	11,038	Sept.	9, 1893
Oct.	26, 1893	McBride, Redmond W	11,102	Oct.	26, 1893
May	26, 1894	McFarland, John D	8,037	April	1, 1889
Sept.	17, 1894	McWilliams, Robert	11,399	Aug.	20, 1894
Sept.	21, 1894	McCormick, Robt. L	7,061	Oct.	1, 1888
Sept.	20, 1899	Mason, Charles M	10,920	July	18, 1893
Nov.	8, 1899	Nitschman, R. M	12,658	May	29, 1899
July	1, 1893	Niemeyer, Charles A	10,186	Oct.	4, 1892
July	1, 1893	Newland, Edward H	7,119	June	25, 1888
July	3, 1893	Nort, Van H	8,889	Aug.	21, 1890
July	6, 1893	Nau, Charles	9,634	July	27, 1891
July	6, 1893	Nay, Albert	235	July	25, 1881
July	14, 1893	Neu, Fred Will	8,842	Aug.	1, 1890
July	21, 1893	Nienstedt, W. H	3,753	July	7, 1884
July	28, 1893	Nitschmann, L	10,543	April	6, 1893
July	28, 1893	Nitschmann, E. J	5,048	April	7, 1887
Aug.	2, 1893	Niemann, Bernhardt	11,001	Aug.	1, 1893
Feb.	1, 1897	Nally, John J	12,242	Oct.	14, 1896
Aug.	3, 1893	Nake, Paul M	919	Oct.	3, 1881
Feb.	2, 1894	Newburger, Arthur C	11,170	Jan.	8, 1894
June	30, 1894	Noll, Martin J	11,348	May	28, 1894
Feb.	19, 1893	Netherton, Sam'l Oliver	11,843	April	29, 1895
Sept.	7, 1896	Niemann, Philip	12,495	Mar.	31, 1896
July	5, 1893	Overstreet, Robt. D	1,012	July	18, 1889
July	7, 1893	Ochsner, C. P	237	July	26, 1881
July	10, 1893	Oldham, George, Jr	535	Aug.	8, 1881
July	12, 1893	Ochsner, C. W	10,858	July	11, 1893
July	19, 1893	Osborne, Gus H	10,194	Oct.	12, 1892
July	31, 1893	Otto, Bernard J	6,089	July	5, 1887
Aug.	15, 1893	Ottofy, Law. M	8,506	Mar.	1, 1890
Oct.	20, 1893	Olendorf, William	11,074	Oct.	10, 1893
Jan.	17, 1895	Owen, Wm. C	11,582	Jan.	17, 1895
July	1, 1893	Pfunder, John A	7,000	Nov.	17, 1887
July	1, 1893	Parker, J. J	9,067	Nov.	24, 1890

LIST OF PHARMACISTS—*Continued.*

Date of Record.			No. of Cert.	Date of Certificate.	
July	1, 1893	Pockels, H	86	July	19, 1881
July	3, 1893	Pohle, Adolph	187	July	22, 1881
July	3, 1893	Proctor, J S	446	Aug.	3, 1891
July	7, 1893	Pauley, F. O	144	July	21, 1881
July	11, 1893	Peters, W. L	10,293	Jan.	11, 1893
July	12, 1893	Peterson, Albert W	10,294	Jan.	11, 1893
July	14, 1893	Poole, C. W	3,346	Oct.	7, 1884
July	17, 1893	Phillbert, L. D	84	July	16, 1881
July	24, 1893	Phillips, Henry F	8,886	Aug.	20, 1890
July	24, 1893	Penney, Charles G	9,138	Jan.	6, 1891
July	25, 1893	Pirner, E. M	10,923	July	20, 1893
July	27, 1893	Polsten, Geo. W	9,612	July	8, 1891
July	27, 1893	Paulus, George C	9,147	Jan.	6 1891
July	27 1893	Pickett, Sam Lee	9,042	Nov.	18, 1890
July	28, 1893	Peabody, Wm. L	8,078	April	1, 1889
July	29, 1893	Passler, Reinhold	10,980	July	28, 1893
Oct.	16, 1893	Pilkington, W. P	11,076	Oct.	10, 1893
Oct.	16, 1893	Perkins, Benj	8,808	July	1, 1890
Jan.	24, 1894	Paul, Arthur W	11,172	Jan.	8, 1894
April	20, 1894	Pauley, Fred C	11,300	April	20, 1894
Dec.	11, 1894	Prewitt, Sam'l Wash	11,507	Dec.	11, 1894
Jan.	4, 1895	Poignee, Frank P	4,065	July	5, 1886
Jan.	17. 1895	Pauley, Alfred	11,551	Jan	16, 1895
Jan.	19, 1895	Peeler, James W	11,291	April	16, 1894
April	20, 1895	Perkins, Philip M	11,799	April	29, 1895
April	16. 1895	Plumpe, Bernard H	11,759	April	15, 1895
Sept.	19, 1895	Perry, James Edward	11,672	April	6, 1895
Jan.	31, 1896	Popplz, Theo. J	12,114	Jan.	13, 1896
Oct.	15, 1896	Prinz, Herman	12,243	Oct.	14, 1896
Aug.	9, 1897	Puchta, Aug. A	12,324	Mar.	31, 1897
Jan.	18, 1899	Pieper, Henry	12,621	Jan.	12, 1899
May	12, 1898	Peterson, Chas. H	8,982	Oct.	21, 1890
Oct.	24, 1900	Pressor, Otto	7,032	July	2, 1888
April	10, 1900	Ringwald, Albert E	12,787	Mar.	23, 1900
Jan.	15, 1898	Raithel, C. H. T	12,459	Jan.	12, 1898
Feb.	2, 1898	Rodemich, W. P	12,460	Jan.	12, 1898
Jan.	14, 1898	Runde, John H	12,462	Jan.	12, 1898
Sept.	16, 1896	Reilly, Robt. C	9,140	Jan.	6, 1891
July	1, 1893	Riecker, Ernst	96	July	19, 1881
July	1, 1893	Rueckersfeldt, V. R. Leo	273	July	27, 1881
July	1, 1893	Rabend, E. F	365	Aug.	1, 1881
July	1, 1893	Renkert, L. W. O	3,345	Oct.	7, 1884
July	1. 1893	Riedel, Theo. J	9,605	July	7, 1891
July	1, 1893	Roepper, Francis A	7,106	Aug.	30, 1888
July	3, 1893	Robertson, Elmer J	9,714	Oct.	6, 1891
July	5, 1893	Reel, William C	9,427	April	13, 1891
July	5, 1893	Roth, Adam B	429	Aug.	3, 1881
July	6, 1893	Roepke, Louis	543	Aug.	9, 1881
July	13 1893	Raboteau, John	460	Aug.	4, 1881
July	18, 1893	Runde, F. W	10,187	Oct.	4, 1892
July	19, 1893	Roller, H. P	9,004	Oct.	30, 1890
July	19, 1893	Rottenhagen, Adolph G	3,658	April	6, 1893
July	20, 1893	Rohlfing, Henry T	132	July	21, 1881
July	22, 1893	Reber, George	397	Aug.	2, 1881
July	24, 1893	Rader, John M	10,653	May	4, 1893
July	25, 1893	Reid, James A	10,952	July	25, 1893
July	25, 1893	Reisse, Edward	9,797	Jan.	5, 1892
July	25, 1893	Renner, Charles F	6,016	Oct.	13, 1887
July	25, 1893	Reber, Louis F	361	Aug.	1, 1881
July	26, 1893	Riley, Russell	10,806	June	27, 1893
July	26, 1893	Ruesch, Chas. F	6,023	Aug.	26, 1887
July	26, 1893	Richter, Edw. C. L	9,006	Oct.	31, 1890
July	27, 1893	Rehfeldt, Charles	9,144	Jan.	6, 1891
July	27, 1893	Royston, J L	204	July	21, 1881
July	27, 1893	Riemann, John	10,140	Aug.	24, 1892
July	28, 1893	Remme, H. J	10 970	July	27, 1893
July	29, 1893	Rohlfing, W. C	10,824	July	20, 1893
July	31, 1893	Randall, Sterling P	10,369	Mar.	7, 1893
July	31, 1893	Reber, V. B S	360	Aug.	1, 1881
July	31, 1893	Rowe, Sam'l B	1,746	Aug	15, 1881
July	31, 1893	Roesch, Hermann	709	Aug.	22, 1881
Aug.	2, 1893	Rohlfing, C G	212	July	23, 1881
Aug.	7, 1893	Ruppaner H. S.	9,143	Jan.	6, 1891
Sept.	14, 1893	Reinhart, Geo. J	11,042	Sept.	14, 1893
Nov.	13, 1893	Rall, August C	527	Aug.	6, 1881
Jan.	9, 1894	Rosenbach, C. W	946	Oct.	31, 1881

LIST OF PHARMACISTS—*Continued.*

Date of Record.			No. of Cert.	Date of Certificate.	
Jan.	11,	1894 Raithel, G. H.	11,173	Jan.	8, 1894
Jan.	10,	1894 Ruge, O. C	8,953	Oct.	7, 1890
Jan.	31,	1895 Riggsbee, Lee	11,552	Jan.	16, 1895
Oct.	25,	1895 Ruvle, Henry Jerome	11,893	Mar.	18, 1895
Jan.	21,	1896 Runge, Theo	12,117	Jan.	13, 1896
Mar.	7,	1896 Roth, Charles S.	11,374	July	9, 1894
April	22,	1895 Rohm, Henry C.	11,788	April	19, 1895
April	27,	1895 Scheele, M. H., M. D.	8,900	Sept.	2, 1890
May	9,	1895 Schulz, Carl	11,554	Jan.	16, 1895
June	20,	1895 Simon, J. H. L.	12 030	June	19, 1895
July	2,	1895 Steinmetz, F R Beno	11,535	Jan.	2, 1895
July	12,	1895 Stieber, Richard	11,553	Jan.	16, 1895
Aug.	6,	1895 Stiehl, A. W	12,050	July	10, 1895
Aug.	31,	1895 Scherzinger, Joseph H	11,757	April	15, 1895
Jan.	21,	1896 Stoffer, Arth. C	12,124	Jan.	13, 1896
Jan.	21,	1896 Schlenker, Laur. H.	12,121	Jan.	13, 1896
Jan.	30,	1896 Schwaunberger, Franz	11,540	Jan.	15, 1895
Feb.	29,	1896 Spork, Henry D	12,118	Jan.	13, 1896
Mar.	12,	1896 Skaer, John	11,647	Mar.	29, 1895
Mar.	27	1896 Soellner, A. M	12,154	Mar.	24, 1896
Mar.	28,	1896 Sommers, Geo. H	12,120	Jan.	13, 1896
April	9,	1896 Stiehl, Geo. W.	12,122	Jan.	13, 1896
April	9,	1896 Simon, F. C.	12,138	Mar.	24, 1896
July	1,	1893 Sennewald, F. C.	3,650	April	3, 1883
July	1,	1893 Sennewald, F. W.	513	Aug.	6, 1881
July	1,	1893 Sennewald, Emile A.	68	July	18, 1881
July	1,	1893 Schrumpf, Arthur	9,014	Nov.	6, 1890
July	1,	1893 Saenger, Benjamin.	3,784	Jan.	7, 1886
July	1,	1893 Standing, William.	9,161	Jan.	9, 1891
July	1,	1893 Schlueter, Robert E	8,948	Oct.	7, 1890
July	1,	1893 Shreve, J. F.	10,126	Aug.	13, 1892
July	1,	1893 Smith, C. W	7,099	July	3, 1888
July	1,	1893 Strite, John R	7,058	Oct.	1, 1888
July	1,	1893 Scheel, Gus. H	3,775	July	29, 1885
July	3,	1893 Schoenthaler, John P	3,633	Dec.	12, 1882
July	5,	1893 Schober, E. F.	60	July	18, 1881
July	5,	1893 Stole, Charles H.	770	Aug.	24, 1881
July	6,	1893 Semsrott, William.	8,979	Oct.	20, 1890
July	6,	1893 Schroeder, C.	10,851	July	7, 1893
July	7,	1893 Sippy, Alvin H.	5,039	Mar.	21, 1887
July	10,	1893 Sauer, Charles G.	21	July	15, 1881
July	11,	1893 Seidlitz, Charles F.	669	Aug.	12, 1881
July	11,	1893 Smith, William Addison	3,756	Sept.	22, 1884
July	11,	1893 Stark, Harry.	9,581	July	2, 1891
July	13,	1893 Sasse, Edward W.	10,750	June	10, 1893
July	13,	1893 Seidlitz, Geo. C. F	8,007	Sept.	23, 1889
July	13,	1893 Scholz, Phillip.	3,706	Oct.	1, 1883
July	13,	1893 Schettler, William P	10,739	June	8, 1893
July	14,	1893 Smith, Orrick E	7,039	Jan.	2, 1898
July	15,	1893 Shcolnik, Harris.	10,887	July	12, 1893
July	15,	1893 Spliker, H. F. A.	931	Oct.	10, 1881
July	17,	1893 Sum, Francis.	89	July	19, 1881
July	17,	1893 Stussel, Herman H.	9,010	Nov.	3, 1890
July	17,	1893 Schmalmaack, F. W.	10,820	June	29, 1893
July	19,	1893 Smith, Axel C.	9,335	Mar.	26, 1891
July	20,	1893 Sohn, Frank	577	Aug.	11, 1881
July	20,	1893 Seitz, Chas. F. W.	9,799	Jan.	5, 1892
July	20,	1893 Schroeter, George H.	10,932	July	20, 1893
July	21,	1893 Schuh, Edward B.	3,331	Sept.	23, 1884
July	21,	1893 Sassman, R.	755	Aug.	25, 1881
July	22,	1893 Schaefer, Christoph	10,940	July	22, 1893
July	24,	1893 Schaefer, Henry G.	7,063	Jan.	7, 1889
July	24,	1893 Smith, Geo. W	9,807	Jan.	11, 1892
July	24,	1893 Scheer, William H.	10,603	April	21, 1893
July	24,	1893 Sieving, Gus W.	10,942	July	22, 1893
July	24,	1893 Sante, Herman A.	10,703	May	27, 1893
July	24,	1893 Sante, August H.	10,043	June	8, 1892
July	25,	1893 Stegner, Emil	4,096	Oct.	4, 1886
July	25,	1893 Schwenker, Edward A.	9,337	Mar.	26, 1891
July	26,	1893 Schneider, John.	9,047	Nov.	19, 1890
July	26,	1893 Seitz, Lorenz A.	10,629	April	26, 1893
July	26,	1893 Schreier, Louis.	7,059	Jan.	7, 1889
July	26,	1893 Semsrott, Ernest Louis.	10,013	May	19, 1892
July	27,	1893 Schnietz, Edward.	9,715	Oct.	6, 1891
July	27,	1893 Snuggs, Stephen G.	7,036	July	2, 1888
July	27,	1893 Smith, J. W.	8,458	Mar.	1, 1890

LIST OF PHARMACISTS—*Continued.*

Date of Record.			No. of Cert.	Date of Certificate.	
July	27,	1898 Schoettle, J. F. L.	10,968	July	27, 1898
July	28,	1898 Sheahan, M. J	777	Aug.	25, 1881
July	28,	1898 Specht, Theo. H	2,248	July	29, 1881
July	28,	1898 Stoerner, Charles G.	8,197	Oct.	7, 1889
July	31,	1898 Schurk, Louis	828	Aug.	16, 1881
July	31,	1898 Swift, Fred. H	10,979	July	29, 1898
Aug.	1,	1898 Smith, U. S	10,296	Jan.	11, 1898
Aug.	1,	1894 Schulte, Arthur H	10,999	Aug.	1, 1898
Aug.	1,	1898 Steizleni, Alexander	8,555	Mar.	28, 1890
Aug.	2,	1893 Smith, William T	10,838	July	3, 1898
Aug.	3,	1898 Streuther, Charles E. F	9,717	Oct.	6, 1891
Aug.	7,	1893 Sewing, John H	816	Sept.	10, 1881
Aug.	9,	1893 Schreier, Charles A	667	Aug.	19, 1881
Aug.	18,	1898 Schrader, Charles	10,774	June	19, 1898
Aug.	28,	1893 Saenger, N	11,023	Aug.	25, 1898
Aug.	30,	1893 Saxenmeyer, Herm	3,651	April	3, 1883
Oct.	11,	1893 Stockhausen, Chas. W	11,080	Oct.	10, 1898
Oct.	12,	1893 Swinnen, L. C	11,081	Oct.	10, 1898
Feb.	27,	1894 Strub, O. B	11,178	Jan.	8, 1894
April	14,	1894 Silverstone, H. E	11,271	April	11, 1894
Oct.	19,	1894 Smith, John Steward	11,414	Sept.	8, 1894
Oct.	30,	1894 Schneider, Max I	7,080	Jan.	7, 1889
Nov.	9,	1894 Sanders, Benj	11,429	Oct.	8, 1894
Mar.	18,	1895 Stephens, Thos. B	2,719	Aug.	15, 1881
Feb.	18,	1897 Shaul, Dell W	12,282	Jan.	18, 1897
Mar.	31,	1897 Staub, Geo. M	12,334	Mar.	31, 1897
July	23,	1897 Sassmann, Otto	12,321	Mar.	31, 1897
Sept.	7,	1897 Scheu, Adolph R	12,152	Mar.	24, 1896
April	30,	1897 Schulherr, Isidor A	12,327	Mar.	31, 1897
Jan.	17,	1898 Stiegemeyer, Harry	12,463	Jan.	12, 1898
Dec.	8,	1896 Schroeter, Louis J	12,328	Mar.	31, 1897
Jan.	18,	1899 Street, C. M	12,624	Jan.	12, 1899
Mar.	12,	1900 Schweickhardt, Richard N	818	Sept.	10, 1881
Mar.	16,	1900 Tamm, Geo. J	12,743	Jan.	9, 1900
June	16,	1897 Taylor, B H	12,247	Oct.	14, 1896
April	22,	1897 Thebus, Robt	12,283	Jan.	13, 1897
April	24,	1896 Thumser, J. C	12,126	Jan.	13, 1896
July	5,	1893 Tamm, Adolph	9,378	April	10, 1891
July	6,	1893 Thornton, Wesley W	9,009	Nov.	1, 1890
July	12,	1893 Tomfohrde, J. W	161	July	22, 1881
July	12,	1893 Tomfohrde, Chas. W	568	Aug.	10, 1881
July	14,	1893 Thierauf, Henry	128	July	20, 1881
July	17,	1893 Temm, William D	3,772	July	18 1885
July	18,	1893 Tritschler, Henry J	7,027	Jan.	2, 1888
July	19,	1893 Temm, Joseph A	415	Aug.	2, 1881
July	19,	1893 Treutler, Aban	241	July	26, 1881
July	21,	1893 Treutler, Oscar E	10,931	July	20, 1898
July	21,	1893 Temm, Alex J	528	Aug.	6, 1881
July	22,	1893 Tschirner, Max	10,622	April	25, 1893
July	25,	1893 Traubel, Otto F	8,989	Oct	23, 1890
July	27,	1893 Temm, H. H	414	Aug.	2, 1881
July	27,	1893 Temm, H. H. Louis N	9,719	Oct.	6, 1891
July	28,	1893 Temm, Joseph H	8,341	Jan.	6, 1890
July	28,	1893 Thompson, J E	9,271	Mar.	4, 1891
July	29,	1893 Thiesen, Henry G	7,043	Jan.	2, 1888
July	31,	1893 Tubbesing, G. H	119	July	20, 1881
Sept.	8,	1893 Trettermann, Frank	136	July	21, 1881
Dec.	26,	1893 Tillery, Jesse S	10,447	Mar.	29, 1893
Jan.	12,	1894 Trittermann, Ernst	11,052	Oct.	10, 1898
April	23,	1894 Tritschler, Chas. Wm	11,304	April	19, 1894
June	14,	1895 Trigg, Francis A	11,978	June	14, 1895
July	3,	1893 Uhlich, F. A	294	July	29, 1881
July	3,	1893 Uhlich, Ferdinand G	62	July	18, 1881
July	3,	1893 Ude, Otto	8,786	Mar.	17, 1884
July	3,	1893 Ude, George	197	July	23, 1881
Mar.	23,	1894 Urquhart, W. H. A	11,228	Mar.	19, 1894
July	5,	1893 Vordick, August H	10,719	June	1, 1898
July	5,	1893 Vitt, Rudolph S	10,297	Jan.	11, 1898
July	10,	1893 Van Ness, C. O	10,050	June	9, 1892
July	19,	1893 Vogt, Henry H	61	July	18, 1881
July	19,	1893 Vogt, F. B	79	July	18, 1881
July	24,	1893 Voepel, Edward H	7,075	Jan.	7, 188
July	24,	1893 Vollberg, Robert	143	July	21, 188
Dec.	26,	1893 Van Zant, Christ	176	Mar.	26, 188
Jan.	10,	1895 Voisin, John	11,513	Dec.	14, 189
Oct.	18,	1895 Vogelsang, August	12,081	Oct.	16, 189

LIST OF PHARMACISTS—*Continued.*

Date of Record.			No. of Cert.	Date of Certificate.	
Oct.	6,	1896 Van Allen, Thos	3,377	Jan.	5, 1885
April	8,	1897 Van Nort, E C., Jr	12,284	Jan.	13, 1897
Aug.	10,	1896 Van Sickle, W. Wade	12,158	Mar.	24, 1896
Jan.	14,	1897 Vogt, C. A	12,287	Jan.	13, 1897
Oct.	16,	1896 Voiss, Arcadius	12,248	Oct.	14, 1896
Oct.	22,	1896 Wangelin, Fred C	12,250	Oct.	14, 1896
Oct.	16,	1896 Westendorf, Bernard	12,251	Oct.	14, 1896
May	17,	1895 Wright, Chas. Howard	11,847	April	30, 1895
May	26,	1896 Winkelman, H. F	12,159	Mar.	24, 1896
June	6,	1899 Wolf, Henry A	12,499	Mar.	31, 1898
Mar.	29,	1900 Wright, D. P	12,797	Mar.	23, 1900
April	1,	1896 Willet, Val F	12,160	Mar	24, 1896
July	1,	1893 Weinsberg, Julius	5,072	April	4, 1887
July	1,	1893 Winkel, H. A.	3,337	Oct.	7, 1884
July	1,	1893 Weiner, Joseph	1.219	July	29, 1881
July	6,	1893 Waller, George	9,355	April	1, 1891
July	6,	1893 Waldeck, W. C	9,005	Oct	31, 1890
July	10,	1893 Winkelman, E. A	9,80	Jan	5, 1892
July	12,	1893 Werner, Frank	10,867	July	11, 1893
July	13,	1893 Wehrenbrecht, William	9,724	Oct	6, 1891
July	18,	1893 Whitcomb, Fred E	6,026	July	29, 1887
July	18,	1893 Wilbur, Thos. S	7.110	Oct.	8, 1888
July	19,	1893 White, James H	9,736	Oct.	24, 1891
July	20,	1893 Weinsberg, George	803	Sept.	1, 1881
July	24,	1893 Williams, Fred G	512	Oct.	4, 1886
July	24,	1893 Witt, Charles	10,299	Jan.	11, 1893
July	24,	1893 Woehrlin, G. A	10,892	July	12, 1893
July	24,	1893 Waterhouse, E. R	8,760	June	5, 1890
July	26,	1893 Wilson, Chas. F	9,830	Feb.	13, 1892
July	26,	1893 Weibel, Harvey L	9 722	Oct.	6, 1891
July	26,	1893 Wetteroth, Louis C	9,723	Oct.	6, 1891
July	26,	1893 Westmann, F. H	745	Aug.	24, 1881
July	27,	1892 Wagner, George	78	July	18, 1881
July	27,	1893 Wilson, George W	514	Aug.	6, 1881
July	27,	1893 Weipert, John A	9,351	Mar.	31, 1891
April	10,	1899 Weber, Peter J., Jr	12,666	Mar.	29, 1899
July	27,	1893 Wittmann, Alfred G	10.617	April	24, 1893
July	28,	1893 Westmann, J. W	10,179	Sept.	28, 1892
July	29,	1893 Wolff, Edward F	10,977	July	29, 1893
July	29,	1893 Wehrheim, R. H	10,984	July	29, 1893
Aug.	2,	1893 Weeke, Paul H. F	11,002	Aug.	1, 1893
Sept.	1,	1893 Weller, John T	1 973	Aug.	26, 1881
Jan.	12,	1894 Wright, O. L	11,083	Oct	10, 1893
Nov.	8,	1894 Watkins, James A		Oct.	15, 1888
Nov.	26,	1894 Wetterer, Herm. Ludwig	11.456	Nov.	22, 1894
April	8,	1898 Walker, William J	12,500	Mar.	31, 1898
June	23,	1897 Whelpley, F. L	12,127	Jan.	13, 1896
July	11,	1893 Young, Hiram W	10.189	Oct.	4, 1892
July	13,	1893 Young, Theo. M	9,980	April	1, 1892
July	7,	1893 Zahm, Charles H	10,848	July	5, 1893
July	11,	1893 Zinn, C	3,295	April	8, 1884
Mar.	28,	1896 Zenk, Ben. F	12,161	Mar.	14, 1896

LIST OF PHARMACISTS WHO HAVE REGISTERED IN THIS OFFICE IN COMPLIANCE WITH AN ACT OF THE GENERAL ASSEMBLY, APPROVED MARCH 31, 1898, SINCE MY LAST REPORT.

Date of Record.		No. of Cert.	Date of Certificate.	
Mar.	22, 1901	Allyn, Paul	13,635	Mar. 31, 1901
Mar.	22, 1901	Allyn, Walter H.	13,519	Feb. 7, 1901
Jan.	30, 1901	Baepler, Otto	13,455	Jan. 16, 1901
Aug.	14, 1900	Black, A. J., M. D	12,870	Aug. 10, 1900
Mar.	20, 1901	Brooks, Hyman, M. D.	13,648	Mar. 18, 1901
Feb.	12, 1901	Cairiere, Theo. L	13,514	Feb. 6, 1901
Oct.	15, 1900	Crooks, R. M.	13,116	Oct. 10, 1900
Dec.	11, 1900	Dalton, Martin	13,259	Nov. 12, 1900
Mar.	8, 1901	Dott, L. H., M. D.	13,587	Mar. 4, 1901
May	8, 1900	Elmbeck, George	12,761	Mar. 23, 1900
Mar.	27, 1901	Fletcher, Hubert H., M. D	13,670	Mar. 25, 1901
Mar.	30, 1901	Gantz, E. O., M. D.	12,967	Sept. 25, 1900
Feb.	11, 1901	Gerwigen, Eugene H., M. D.	13,520	Feb. 7, 1901
Mar.	27, 1901	Gish, George J. P.	13,581	Dec. 27, 1900
Feb.	11, 1901	Glasford, Sam'l T., M. D.	13,521	Feb. 7, 1901
Feb.	14, 1901	Hedrick, James F., M. D.	13,468	Jan. 19, 1901
Oct.	8, 1900	Heine, Rudolph	7,071	Oct. 1, 1888
Oct.	30, 1900	Hicks, James H	13,119	Oct. 10, 1900
Feb.	21, 1901	Hogan, T. D., M. D.	15,006	Sept. 22, 1900
Mar.	21, 1901	Knapp, Herbert W., M. D.	13,585	Dec 27, 1900
June	22, 1900	Krummenacher, C. E.	12,842	June 12, 1900
May	22, 1900	LeBien, Ernest A	12,772	Mar. 23, 1900
Aug.	8, 1900	Lieser, Wm. C.	12,773	Mar. 23, 1900
Oct.	12, 1900	Lolar, W. J.	13,105	Oct. 10, 1900
Oct.	16, 1900	Magruder, Clyde H	12,775	Mar. 23, 1900
April	16, 1900	Muehling, John P.	12,781	Mar. 23, 1900
May	22, 1900	Neves, George	12,784	Mar. 23, 1900
Mar.	29, 1901	Oatberg, Nils W	13,386	Mar. 28, 1901
Oct.	25, 1900	Pembroke, W. K.	13,109	Oct. 10, 1900
April	18, 1900	Pippert, Nicholas J.	12,785	Mar. 23, 1900
Dec.	24, 1900	Pfeffer, W. J.	13,128	Oct. 10, 1900
Nov.	8, 1900	Pollitham, Geo. B.	13,129	Oct. 10, 1900
Sept.	26, 1900	Robinson, Francis C., M. D.	9,301	Mar. 20, 1891
Jan.	28, 1901	Rohling, L. C	13,465	Jan. 18, 1901
Feb.	21, 1901	Schuchat, W. S., M. D.	13,003	Sept. 23, 1900
April	24, 1900	Servant, R. S.	9,618	July 12, 1891
Mar.	27, 1901	Smith, Henry D	13,669	Mar. 25, 1901
Feb.	21, 1901	Sutcliffe, J. S., M. D.	13,004	Sept. 22, 1900
Mar.	26, 1901	Stafford, Sam'l P.	13,641	Mar. 18, 1901
Jan.	4, 1901	Thurman, E. J.	13,313	Nov. 30, 1900
Mar.	23, 1901	Wainwright, A. G., M. D.	13,628	Mar. 18, 1901
May	15, 1900	Weibel, Edward G.	12,729	Oct. 10, 1899
Jan.	30, 1901	Wilburn, Allie B., M. D	13,489	Jan. 28, 1901
May	8, 1900	Wilson, Scott H.	12,802	April 12, 1900

LIST OF OSTEOPATHS WHO HAVE REGISTERED IN THIS OFFICE IN COMPLIANCE WITH AN ACT OF THE GENERAL ASSEMBLY, APPROVED MARCH 4, 1897.

Date of Record.			Date of Diploma.	
Oct.	24, 1899	Bailey, Homer E.	Mar.	31, 1898
Feb.	23, 1899	Eckert, Wm. Hy.	Feb.	1, 1899
Mar.	15, 1900	Foncanon, Mayme H.	June	29, 1897
Oct.	22, 1898	Hannah, Belle F.	Sept.	30, 1897
Oct.	22, 1898	Hannah, Frank W.	June	30, 1897
Jan.	23, 1900	Harris, Maurice B.	July	30, 1898
Nov.	8, 1808	Hildreth, Arthur G.	June	22, 1897
Oct.	18, 1898	Hunt, Ella A.	Sept.	30, 1897
Oct.	12, 1899	Jones, Thomas D.	June	29, 1899
Feb.	15, 1899	Notestine, Florence A.	Feb.	1, 1899
Oct.	17, 1898	Sippy, Alvin H.	Sept.	30, 1897
Sept.	13, 1899	Smith, Ernest P.	June	22, 1897
Feb.	5, 1900	Still, Herman T.	June	22, 1897
Mar.	25, 1901	Beckham, James J.	June	29, 1899

LIST OF OSTEOPATHS—*Continued.*

Date of Record.		Date of Diploma.	
July	19, 1900 Chappell, Minerva K	Jan,	31, 1900
Oct.	8, 1900 Connor, Herschel Lee	Feb.	1, 1899
Jan.	11, 1901 Goetz, Herman F	Dec.	31, 1898
Nov.	7, 1900 Hall, Amos K	June	1, 1897
Mar.	7, 1901 Hayes, Ella V	Sept.	10, 1900
Feb.	4, 1901 Ingraham, Eliz. Mary	Jan.	31, 1901
Dec.	4, 1900 McFall, Frances	June	22, 1897
Feb.	5, 1901 Schaub, Minnie	Jan.	31, 1901
Dec.	4, 1900 Still, Harry M	June	22, 1897
Aug.	2, 1900 Wilkin, Thomas J	June	28, 1900
Jan.	12, 1901 Wirt, Jerome D	June	30, 1898

All of which is respectfully submitted.

PATRICK R. FITZGIBBON,

City Register.

TWENTY-FOURTH ANNUAL REPORT

OF THE

LAW DEPARTMENT OF THE CITY OF ST. LOUIS

For the Fiscal Year ending April 8, 1901.

ST. LOUIS, MO., April 9, 1901.

Hon. Rolla Wells, Mayor of the City of St Louis:

SIR — I have the honor to submit to you the 24th annual report of the Law Department of the City of St. Louis (being my fourth annual report), covering the fiscal year ending with the 8th day of April, 1901, as follows: —

I.

At the beginning of the fiscal year, on April 10, 1900, there were pending against the City of St. Louis 158 cases, other than cases before Justices of the Peace, which latter class of cases are embraced in the report of the Assistant City Counselor, made a part hereof. During the fiscal year 130 new cases, other than such Justice of the Peace cases, were begun; 82 cases were finally disposed of during the year, leaving pending at the close of the year, and now undisposed of, 206 cases. Of these pending cases 24 were tried but were not disposed of finally.

II.

Of the cases entirely disposed of the results may be condensed and summarized as follows: —

SUPREME COURT OF THE UNITED STATES.

Won	1
Lost	0

UNITED STATES CIRCUIT COURT.

Won	8
Lost	1

SUPREME COURT OF MISSOURI.

Won	9
Lost	6

ST. LOUIS COURT OF APPEALS.

Won	2
Lost	1

ST. LOUIS CIRCUIT COURT.

Won	16
Lost	15
Dismissed	18
Compromised	4

CIRCUIT COURT OF ST. LOUIS COUNTY.

Won	0
Lost	2

III.

Stated in detail the cases finally disposed of in these several courts were the following:—

SUPREME COURT OF THE UNITED STATES.

———. Joseph Wheless *v.* The City of St. Louis et al. Bill in equity to enjoin the City from making out and delivering to the Gilsonite Roofing & Paving Company special tax bills for the reconstruction of Whittier street between Washington boulevard and Finney avenue. In the United States Circuit Court there was a decree dismissing the bill, and upon appeal to the Supreme Court of the United States this decree was affirmed February 25, 1901.

UNITED STATES CIRCUIT COURT.

No. 4217. Annie F. King *v.* The City of St. Louis et al. Ejectment to recover part of the public wharf near Dock street. Case was tried before the court without a jury and judgment was rendered in favor of the City.

No. 4225. W. P. Joy *v.* City of St. Louis et al. Also action in ejectment to recover part of the wharf near Dock street, which upon trial before the court without a jury resulted in judgment for the City.

No. 4266. Tyler Estate *v.* City of St. Louis. Also ejectment to recover a part of wharf near Dock street, resulting, like the foregoing cases, upon a trial without jury, in a judgment for the City.

———. The City of St. Louis *v.* Western Union Telegraph Co. An action to recover rental for space occupied by telegraph poles of the defendant company in the streets of St. Louis, from July 1, 1887, to July 1, 1898. The case was submitted to the court without jury on October 4, 1900, and the court, following the decision of the Supreme Court of the United States in a former suit by the City against the Telegraph Company, holding the ordinance under which recovery was claimed to be unreasonable and unenforceable, found a judgment in favor of the defendant.

SUPREME COURT OF MISSOURI.

No. 9235. The City of St. Louis *v.* Consolidated Coal Co. This was an action to recover license fees on steam tugs and transportation barge operating between St. Louis and East St. Louis and in the harbor of the City of St. Louis. In the Circuit Court there was a judgment for the defendant on the ground that the ordinance was unconstitutional and an attempt to impose a tax upon interstate commerce. The City appealed to the Supreme Court of the State, where, on November 12, 1900, the judgment of the Circuit Court was affirmed.

No. 9026. Geist *v.* O'Brien and the City of St. Louis. An equitable garnishment proceeding to compel the City to pay to the plaintiff, a judgment creditor of O'Brien, one of the City's employes, the amount owing by the City to O'Brien for salary. In the Circuit Court there was judgment for the plaintiff against the City. On appeal the Supreme Court reversed this judgment and decided in favor of the City, holding that the proceeding to subject to the payment of a creditor's claim salary due by the City to one of its officers or employes could not be maintained.

No. 9027. McGinnis *v.* The City of St. Louis. Ejectment to recover possession of a part of Clara avenue in Cabanne Subdivision, plaintiffs claiming title thereto. On a trial there was a judgment for the City in the Circuit Court and plaintiffs appealed to the Supreme Court, where the judgment was affirmed.

No. 9247. Hand *v.* City of St. Louis. Ejectment to recover possession of the City's engine house property at Salena avenue and Miami street, plaintiff claiming title under the will of her father, Elihu H. Shepard, deceased. In the Circuit Court there was a final judgment in favor of the City on demurrer to the petition, and on plaintiff's appeal this judgment was affirmed by the Supreme Court.

No. 9248. Hafner *v.* The City of St. Louis. Ejectment to recover part of the public wharf immediately south of Dock street. In the Circuit Court there was judgment for the City, which was affirmed by the Supreme Court.

No. 9266. Stern *v.* Bensiek and the City of St. Louis. An action for $5,000.00 damages for personal injuries to plaintiff's minor son, who was injured upon the sidewalk in front of 1113 N. Broadway. The case was tried before a jury in the Circuit Court and resulted in a verdict in favor of Bensiek and the City. On motion of plaintiff the Circuit Court set aside the verdict and granted a new trial. From this order the defendants appealed to the Supreme Court where the order awarding a new trial was affirmed.

No. 8736. Knapp, Stout & Co. Company *v.* The City of St. Louis. Bill in equity to enjoin the City from vacating certain streets and alleys under Ordinance 16093. In the Circuit Court there was a judgment in favor of the City on demurrer to the petition. Plaintiff appealed to the Supreme Court where the judgment was affirmed.

No. 9260. Thorn & Hunkins Lime & Cement Co. *v.* Citizens Bank and City of St. Louis. An equitable garnishment proceeding to subject to the claims of creditors certain moneys in the hands of the City of St. Louis due one of its contractors. From a decree of the Circuit Court permitting the City to make certain deductions for penalties for delay in the completion of the contract the plaintiff appealed to the Supreme Court, where the decree was affirmed.

No. 9316. John Reedy *v.* St. Louis Brewing Association and City of St. Louis. Action for personal injuries claimed to have been sustained by plaintiff by falling on ice on sidewalk. Upon a trial before a jury in the Circuit Court of Gasconade County, where the case was sent on change of venue, there was a verdict and judgment against the Brewing Association and City for $4,500. Both parties appealed to the Supreme Court, where the judgment was reversed, and as to the City the case remanded for new trial.

No. 9323. Wiethaupt *v.* The City of St. Louis. Action for $5,000 damages for personal injuries alleged by the plaintiff to have been sustained by running into water pipe lying in Grand avenue near Connecticut street, left during night time without signals or warning of danger. Plaintiff recovered a verdict and judgment for $1,000 which was affirmed on appeal to the Supreme Court.

No. 9022. Brash *v.* The City of St. Louis. Action for damages to property sustained by the bursting of Rocky Branch sewer. Plaintiff obtained a judgment for $650 in the Circuit Court, which was affirmed by the Supreme Court.

No. 9250. State ex rel. Connor & Eagan *v.* The City of St. Louis. Proceedings in mandamus to compel the Board of Public Improvements to issue permit to Connor & Eagan to construct a sidewalk in front of their property. In the Circuit Court they were successful and obtained a judgment awarding them a peremptory writ. On the City's appeal this judgment was reversed by the Supreme Court.

No. 9231. Van Cleve *v.* The City of St. Louis. An action begun before a justice of the peace to recover damages for injuries to plaintiff's horse while crossing Vandeventer avenue between Washington and Delmar avenues. Plaintiff recovered a judgment for $300 upon trial before the justice, and in the Circuit Court, which judgment was affirmed by the Supreme Court.

No. 9237. The City of St. Lou's *v.* Saltz. Prosecution for violation of a city ordinance in relation to the erection of frame structures without a permit. Defendant was fined $100 in the police court. He appealed to the St. Louis Court of Criminal Correction, where he was found not guilty and discharged. The special counsel appearing in that court for the City sued out a writ of error to the Supreme Court, where the judgment was affirmed on the ground that they had failed to except to the action of the Court of Criminal Correction at the proper time.

———. Hill & Abbott *v.* The City of St. Louis. Bill in equity to enjoin the City of St. Louis from issuing permits to owners of property to connect their premises with a district sewer, said owners having failed to pay special tax bills against their property for the construction of the sewer. In this case there was a judgment against the City in the Circuit Court, and the City, in order to obtain the judgment of the Supreme Court, took an appeal to said court, where the judgment of the lower court was affirmed, overruling a previous decision of the St. Louis Court of Appeals, holding a contrary view. The judgment in this case, while apparently against the City, is really in its favor.

ST. LOUIS COURT OF APPEALS.

No. 8044. The City of St. Louis to the use of Mary Duff *v.* Nic Karr et al. Action against the Superintendent of the Workhouse and the sureties on his bond, for unlawful imprisonment. Relator recovered a judgment in the Circuit Court for $200.00, which was affirmed in the Court of Appeals.

No. 8027. State ex rel. Bastan *v.* Board of Trustees of Firemen's Pension Fund. A mandamus proceeding begun in the Circuit Court to compel the trustees to award plaintiff a pension as widow of a deceased fireman, and to pay her $535.00 for back pension. The Circuit Court refused to grant the writ and plaintiff appealed to the St. Louis Court of Appeals, where the judgment of the lower court was affirmed.

No. 8106. Martin *v.* Meier et al. Prohibition to restrain the City Council from trying Deputy Supply Commissioner for neglect of duty. The proceeding was instituted in the St. Louis Court of Appeals as an original proceeding, and upon argument the writ of prohibition was denied and the petition dismissed.

In addition to the preparation of briefs and the argument of the foregoing cases, I was also called upon during the fiscal year, for and furnished to the Mayor and the heads of the departments, opinions in writing upon 49 different subjects; in addition to the above I was also called upon for and furnished advice orally to the various City officers at frequent times.

In the Federal Supreme Court the case instituted in the name of the State of Missouri *v.* The State of Illinois and the Sanitary District of Chicago, to restrain the defendants from polluting the drinking water of the City of St. Louis by forwarding the sewage of the City of Chicago through the sanitary canal and the Desplaines and the Illinois rivers into the Mississippi river, was argued upon questions of law raised by demurrers interposed by the defendants to the bill of complaint, and judgment was rendered against the defendants upon their demurrers on January 25, 1901. The court held that it had original jurisdiction in this case, and that if the facts which are charged in the bill of complaint can be shown to be true that the defendants may be enjoined from polluting our water supply.

The proceedings in the Circuit Court of the City of St. Louis and in the Circuit Court of St. Louis County are shown in the report of the Hon. Charles Claflin Allen, Associate City Counselor, which is hereto annexed and forms a part of this report. Mr. Allen also participated in the proceedings in the Federal courts.

Respectfully,

B. SCHNURMACHER,
City Counselor.

LAW DEPARTMENT, April 9, 1901.

Hon. B. Schnurmacher, City Counselor:

SIR — I have the honor to submit the following report concerning cases which have been under my charge, and tried or otherwise disposed of during the fiscal year ending April 8, 1901.

97659–5. William Resor, Jr., et al. *v.* City of St. Louis. Ejectment to recover real estate in City Block 285. Dismissed December 10, 1900, for failure to secure costs.

4854A–2. John Rose *v.* City of St. Louis. Action for $8,000.00 personal injuries sustained by the falling of a stone from cornice at coal storage house at Bissell's Point. March 4, 1901. Judgment on stipulation for $300.00 which is paid and satisfied.

5856A–4. Citizens Bank *v.* City & Lyons Construction Co. Garnishment for money due Lyons Construction Co. from the City. December 7, 1900. Dismissed by plaintiff.

6692A–2. Paul Walz *v.* City. Action for $3,500.00 damages to real estate from defective sewer. April 1, 1901. Dismissed by plaintiff.

7948A–1. Charles Krahm *v.* City. Action for $1,000 damages to personal property by bursting of sewer. October 3, 1900, dismissed by plaintiff.

9188A–5. Lyons *v.* Randall. Action for $10,000.00 for injuries caused by alleged malpractice of dispensary physician. May 21, 1900, dismissed for failure to prosecute.

11106–4. Walter Vrooman *v.* Saunders et al. Action for $50,000 damages for false imprisonment. November 5, 1900, dismissed by plaintiff.

11689–4. John B. Denvir *v.* City. Action for $5,000 damages to premises No. 3409 Pine street, by alleged defective sewer. May 18, 1900, judgment for defendant. June 4, 1900, motion for new trial sustained. January 7, 1901, change of venue to St. Louis County.

12593–3. Emma and Moritz Eysell *v.* City. Bill in equity to cancel a certain tax bill. April 16, 1900, judgment for defendant on demurrer. Appealed to Supreme Court.

13316A–7. P. J. Quigley *v.* City. Action for $1,400 damages caused by overflow of Mill Creek sewer. November 21, 1900, verdict and judgment for defendant.

13380–7. J. E. Hayes *v.* City. Action for $600 damages caused by overflow of Mill Creek sewer. December 18, 1900, judgment for defendant.

13354A–7. Margaret Banks *v.* City. Action for $54.10 damages caused by over flow of Mill Creek sewer. January 15, 1901, dismissed for failure to secure costs.

13407A–7. Mary B. Wright *v.* City. Action for $4.000 damages to real estate by change of grade of Vandeventer avenue and Magnolia street. February 8, 1901, dismissed for failure to secure costs.

13474A–3. State ex rel. Attorney-General *v.* City et al. Injunction to restrain payment of $971.30 to William Desmond. December 24, 1900, perpetual injunction granted. Appealed to Supreme Court.

13999A–5. Mary S. P. Hammett et al. *v.* City. Action for $4,000 damages to real estate by dismissing suit to widen 18th street. February 8, 1901, judgment for defendant on demurrer.

14314–A. Joseph E. McGinnis et al. *v.* City. Ejectment proceedings to recover property in Cabanne Subdivision. January 9, 1901, trial; plaintiff took nonsuit.

14921A–3. Bambrick-Bates Construction Co. et al. *v.* City. Action for $7,000 damages for dumping into quarry. November 28, 1900, judgment on stipulation for $350, which is paid and satisfied.

15308–2. Joseph Wheless et al. *v.* city. Injunction to restrain the issuance of special tax bills in the matter of improving Whittier street. April 23, 1900, finding for defendants and plaintiff's bill dismissed. Appealed to Supreme Court.

16080A.–6 Lydia Sieveking *v.* Whelan & Co. and City. Action for $1,500 damages for personal injuries caused by being thrown from wagon by horse becoming mired in an excavation. April 12, 1900, judgment on stipulation for $450, city paying one-half, which is paid and satisfied.

16081A–7. Ernst Sieveking *v.* Whelan & Co. and City. Action for $500 damages for loss of services of wife, Lydia Sieveking. April 12, 1900, judgment on stipulation for $150, City paying one-half, which is paid and satisfied.

15341A–2. Mary Duff *v.* Nic. Karr. Action for $500 penalty under section 5404 R. S. of Missouri, 1889. March 22, 1901, judgment for $500. Motion for new trial pending.

16287A–3. Samuel R. Tubbs *v.* city. Action for $1,585 for salary as police officer. April 18, 1900, dismissed for failure to secure costs.

16323A–4. Delia Beauvais *v.* City. Action for $5,000 damages for personal injuries in falling on sidewalk. April 27, 1900, judgment for $600. Appealed to Supreme Court.

16342A–2. Katherine A. Myerscough *v.* Belle Miller at al. Suit in partition. July 6, 1900, order of distribution made, including special taxes due City for opening Natural Bridge road.

16851A–4. David K. Gaines *v.* City et al. Action for $5,000 damages for personal injuries caused by falling on ladder in front of premises No. 2956 Thomas street. January 25, 1901, dismissed for failure to secure costs

16513–6. John O. Krone *v.* St. Louis Transit Co., United Railways Co., Union Depot Railway Co. and City. Action for $5,000 personal injuries sustained by being thrown from vehicle by driving into hole on 20th street near Penrose street on December 18, 1899. October 16, 1900, dismissed by plaintiff at defendant's costs, on compromise paid by other defendants.

16379A–4. H. C. Dougherty *v.* City et al. Action for $12,500 damages for personal injuries sustained in falling over iron railing in front of No. 2354 Park avenue. May 7, 1900, plaintiff took nonsuit.

16759A–4. Richard P. Jamison *v.* Camille S. McManus and City. Action for $2,500 damages for personal injuries sustained in falling on sidewalk in front of 1126 Pine street, May 8, 1900, dismissed for failure to secure costs.

16818A–6. The Christian Bros. College et al. *v.* City. Suit to cancel special tax bills. September 27, 1900, judgment for defendant on demurrer.

16527A–5. State ex rel. Gieselman *v.* Hawes et al. Mandamus to recover back salary as a policeman discharged without a hearing. April 1, 1901, peremptory writ for $2,060.95. Motion for new trial pending.

16931A–4. State ex rel. Clemens *v.* McCaffery et al. Mandamus to compel Election Commissioners to issue certificate. May 3, 1900, peremptory writ denied.

17153A–3. State ex rel. Crow *v.* City et al. Injunction to restrain City from paying out money under ordinance 20081, a relief bill in favor of Henry Stolle. October 17, 1900, temporary injunction made permanent.

———. Haeussler et al. *v.* City et al. Injunction to restrain City from paying out money under ordinance 20080, a relief bill in favor of William Luke. May 7, 1900, dismissed by plaintiff.

17165A–5. State ex rel. Attorney-General *v.* City et al. Same cause of action as last above. October 17, 1900, perpetual injunction granted.

———. Haeussler *v.* City et al. Injunction to restrain Register from carrying out provisions of ordinance 19411 in reference to "Allied Printing Trades Council Label" on all city printing. May 18, 1900, petition dismissed by plaintiff.

17526–1. Haeussler *v.* City et al. Same cause of action as last above. June 16, 1900, temporary injunction granted.

17255A–7. John Wynne *v.* City. Action for $1,000 damages for personal injuries received by being thrown from hand car. March 20, 1901, plaintiff took nonsuit.

17272A–3. James J. McDermott *v.* City. Action for $1,000 damages for personal injuries caused by a fire engine on Wash street near 11th street. December 3, 1900, dismissed for failure to secure costs.

17787A–6. H. C. Daugherty *v.* City et al. Action for $2,500 damages for personal injuries received in falling over iron railing on Jefferson and Park avenues. January 23, 1901, dismissed for failure to secure costs.

17798A–4. J. N. Patrick *v.* City and Bronson. Action for $8,000 damages for personal injuries sustained in falling over guard rail at Compton and Washington avenues. October 9, 1900, dismissed by plaintiff on settlement by codefendant.

17693A–1. Luther Babcock *v.* Wm. H. Hahn. Injunction to restrain Recorder of Deeds from moving to New City Hall. October 19, 1900, demurrer sustained and case appealed to Supreme Court.

17492A–2. Filley Real Estate Co. *v.* City. Action to quiet title to wharf property near Tyler street. November 9, 1900, decree for plaintiff on answer of defendant disclaiming title.

8081A–1. Kinloch Telephone Co. *v.* Seckner Contracting Co. et al. Injunction to restrain defendant from placing certain telephone poles on certain streets. October 20, 1900, stipulation filed and cause dismissed.

18148A–4. Patrick Caden et al. *v.* City et al. Action for $1,200 damages to real estate in City Block 3839 by change of grade. November 19, 1900, dismissed by plaintiff.

18023–5 George B. Sheridan *v.* City. Action for $685.00 salary as deputy milk inspector, claimed to be due from September 26, 1898, to June 8, 1899. April 8, 1901, judgment for defendant.

17514A–6. State ex rel. Gutgesell *v.* Hawes et al. Mandamus to recover back salary as a policeman discharged without hearing. November 12, 1900, mandamus awarded. Appealed to Supreme Court.

18328A–6. State ex rel. McCarthy *v.* Hawes et al. Mandamus to recover back salary as a discharged policeman. November 12, 1900, mandamus awarded. Appealed to Supreme Court.

18346A–5. State ex rel. Keller *v.* Hawes et al. Mandamus to recover back salary as a discharged policeman. April 1, 1901, court announces that peremptory writ of mandamus would be awarded. No judgment yet entered.

18346A–2. State ex rel. Chase *v.* Hawes et al. Mandamus for back salary as a discharged policeman. March 4, 1901, mandamus awarded. Motion for new trial pending.

18345A–6. State ex rel. Bruce *v.* Hawes et al. Mandamus for back salary as a discharged policeman. November 12, 1900, mandamus awarded. Appealed to Supreme Court.

18354A–2. State ex rel. Wray *v.* Hawes et al. Mandamus for back salary as a discharged policeman. March 4, 1901, mandamus awarded. Motion for new trial pending.

18353A–2. State ex rel. Laber *v.* Hawes et al. Mandamus for back salary as a discharged policeman. March 4, 1901, mandamus awarded. Motion for new trial pending.

18352A–5. State ex rel. Young *v.* Hawes et al. Mandamus for back salary as a discharged policeman. April 1, 1901, court announced that mandamus would be awarded. No judgment yet entered.

18370A–7. Hill & Abbott *v.* City et al. Injunction to restrain issuing of permits to owners to connect with sewers where special tax bils have not been paid. November 10, 1900, judgment for plaintiffs on demurrer. Appealed to Supreme Court.

18367A–6. State ex rel. Rife *v.* Hawes et al. Mandamus for back salary as a discharged policeman. January 8, 1901, mandamus awarded. Appealed to Supreme Court.

18366A–5. State ex rel. Miller *v.* Hawes et al. Mandamus for back salary as a discharged policeman. April 1, 1901, court announced that mandamus would be awarded. No judgment yet entered.

18868A–2. George H. Martin *v.* Meier et al. Prohibition to restrain City Council from trying deputy Supply Commissioner. January 8, 1901, motion by defendants to quash writ sustained. Appealed to St. Louis Court of Appeals.

19268A–5. James McCaffery et al. *v.* Horton et al. Bill in equity to construe trust. January 14, 1901, dismissed as to City.

ST. LOUIS COUNTY CIRCUIT COURT.

———. David E. Wheat *v.* City of St. Louis. Action for $15,000 damages for personal injuries caused by driving into hole in Vernon avenue. March 15, 1901, judgment for $5,000. Motion for new trial pending.

———. Charles Gulath *v.* City of St. Louis. Action for $2,000 damages caused by overflow of Mill Creek sewer. March 9, 1901, judgment for $2,000. Motion for new trial pending.

In addition to the foregoing I also attended to the duties of the City Counselor during his absence, and to such other duties as were assigned to me from time to time.

Respectfully submitted,

CHAS. CLAFLIN ALLEN,

Associate City Counselor.

LAW DEPARTMENT, April 9, 1901.

Hon. B. Schnurmacher, City Counselor:

SIR — I herewith submit the report of work in the Law Department in my charge, covering the fiscal year April 10, 1900, to April 8, 1901, inclusive: —

CASES IN CIRCUIT COURT.

16443–5. Geo. N. Dyke *v.* City of St. Louis. Particulars of this cause are contained in former report. On December 18, 1900, cause was dismissed by plaintiff.

16871–3. Louis Riggs *v.* City et al. Particulars of this cause are contained in former report. On January 9, 1901, cause tried; plaintiff took nonsuit.

20275–7. Harold P. Murphree, by next friend, *v.* City. Suit instituted before Justice Hanley for damages in the sum of $500 for personal injuries received by falling into ditch at Ridge and Belt avenues. On February 26, 1901, there was judgment for $500. Appealed to Circuit Court and on March 7, 1901, judgment for $250 was entered by stipulation and paid.

20480–4. Anton Walz *v.* City et al. Suit before Justice Zimmermann for $500 damages for personal injuries caused by obstruction in street. March 8, 1901, judgment for all defendants, plaintiff appealed to Circuit Court.

20495–5. Ferd. I. G. Knittel *v.* City. Suit before Justice Spaulding for $300 claimed as salary due plaintiff as an inspector in Building Department. February 26, 1901, judgment for plaintiff. Case appealed to Circuit Court.

20496–6. F. W. Bartraw *v.* City. Same cause of action as last above, and same disposition of case.

20497–7. John Magner *v.* City. Same cause of action as last above, and same disposition of case.

CASES DISPOSED OF IN JUSTICE COURTS.

City of St. Louis *v.* Stern and Goldberg. This was suit before Justice Haughton in replevin for miscellaneous lot of water pipe, etc., belonging to Water Department. April 16, 1900, judgment for plaintiff.

L. J. and Minnie Raaen *v.* City et al. Action before Justice Walker for damages in sum of $500 for loss of services, etc., of minor child, injured by live wire belonging to defendants. May 31, 1900, dismissed by plaintiffs.

Mary Tuey *v.* City et al. Action before Justice Walker for damages to person in sum of $500 arising out of same condition as above stated case. May 31, 1900, dismissed by plaintiff.

City of St. Louis *v.* Justin E. Joy. Suit before Justice Boettger for $77, rent and restitution of certain wharf property. August 8, 1900, judgment for plaintiff.

City of St. Louis *v.* Justin E. Joy. Suit before Justice Boettger for possession of certain wharf property. August 8, 1900, judgment for possession.

City of St. Louis *v.* Justin E. Joy. Suit before Justice Boettger for $292.05 rent and possession of certain wharf property. August 8, 1900, judgment as prayed.

City of St. Louis *v.* Justin E. Joy. Suit before Justice Boettger for $289.85 rent and possession of certain wharf property. August 8, 1900, judgment as prayed.

City of St. Louis *v.* Justin E. Joy. Suit before Justice Boettger for possession of certain wharf property. August 8, 1900, judgment as prayed.

John Manion *v.* City. Suit before Justice Cullinane for $300 damages sustained by falling into hole in sidewalk on Cass avenue, near 12th street. June 19, 1900, judgment for $112.50. No appeal.

Jacob Schenkel *v.* City et al. Suit before Justice Haughton for $500 on account personal injuries sustained by being thrown from wagon by alleged defect of highway. December 20, 1900, judgment for all defendants.

Franz Bayersdoefer *v.* City. Suit before Justice Haughton for damages to real estate by reason of overflow from Mill Creek sewer. October 15, 1900, judgment for defendant.

City of St. Louis *v.* John Thomas Brady. Suit before Justice Cullinane to replevin buggy belonging to plaintiff. March 4, 1901, judgment for defendant.

Afred Noble *v.* City et al. Suit before Justice Haughton for damages in sum of $280, caused by defect in Locust street at 9th street. December 14, 1901, judgment against City of St. Louis for one cent. No appeal.

Palace Livery Co. *v.* City et al. Suit before Justice Walker on account of injury to vehicle caused by hole in highway. January 14, 1901, dismissed by plaintiff.

CASES PENDING IN JUSTICE COURTS.

Samuel C. Lewis *v.* John Short, City et al. This is an action before Justice Spaulding for $500 damages for personal injuries sustained while dumping sand from car at Chain of Rocks.

Thomas Hanlon, by next friend, *v.* City. Action before Justice Hanley for $500 damages for personal injuries sustained by being precipitated into ditch at intersection of Ridge and Belt avenue.

William Hanlon, by next Friend, *v.* City. Action before Justice Hanley for $500 damages on same facts as last above stated.

Jennie Hanlon *v.* City. Action before Justice Hanley for $500 damages on same facts as last above.

SPECIAL TAX CASES IN CIRCUIT COURT.

CASES PENDING AT BEGINNING OF FISCAL YEAR 1900–1901.

10743A–4	City	v. Ploughman et al	Pending.
10744A–5	"	Koch et al	"
11269A–4	"	Unknown heirs of Julia T. B. Smith	"
12970A–4	"	Morrill	"
12978A–5	"	White	"
12974A–1	"	Guignon	Judgment.
13698A–5	"	Snodgrass et al	"
13694A–1	"	Laumeier et al	Paid.
13697A–4	"	Kohr et al	Pending.
13700A–7	"	Fallon	Dismissed.
13695A–2	"	Steidman	Pending.
14418A–2	"	McClellan et al	"
14419A–2	"	Long et al	Paid.
14423A–2	"	McCambridge	"
14424–2	"	Freeman et al	Judgment.
14426A–2	"	Mare, Jr., et al	Paid.
14428A–2	"	Unknown heirs of Foder	Pending.
14430A–2	"	Busch et al	"
14431A–2	"	Withbeck	"
14432A–2	"	O. M. Green	Judgment.
14433A–2	"	Charles Green	Pending.
14434A–2	"	Greffet	"
14435A–2	"	Brown	"
14437A–2	"	Annex Realty Co. et al	"
14439A–2	"	Annex Realty Co	"
14438A–2	"	Westervelt et al	Judgment.
14440A–2	"	Westervelt at al	"
14441A–2	"	Kelly et al	Pending.
16734A–6	"	M. Tiffany et al	Dismissed.
16735A–7	"	M. Tiffany et al	"
16736A–6	"	Baker	"
16737A–3	"	Cornwall et al	"
16732A–4	"	O'Brien et al	"
17033A–2	"	Webber et al	Pending.
17032A–1	"	Frawley	Paid.
17034A–3	"	Eagan et al	Pending.

SUITS INSTITUTED DURING FISCAL YEAR 1900–1901.

18998A–3	"	Atwood et al	Paid.
18996A–7	"	Messmann et al	Pending.
18997A–2	"	Kuhn	"
18999A–4	"	Eisenberg et al	Paid.
19352A–7	"	Bankerd et al	Pending.
19353A–1	"	Meyrose	"
20217A–7	"	Frank et al	"
20218A–1	"	Frank et al	"
20219A–2	"	Mueller et al	Paid.
20220A–3	"	Hormann et al	Pending.
20221A–4	"	Hannigan et al	"
20222A–5	"	Butler	"

20283A-6	City *v.*	Midland Bldg. & Loan Assn	Paid.
20224A-7	"	Carnahan	Pending.
20225A-1	"	Smith	"
20226A-2	"	Donaldson	Paid.
20227A-3	"	Flanigan et al	Pending.
20228A-4	"	Patterson et al	"
20229A-5	"	Williams et al	"
20230A-6	"	Dodd et al	"
20231A-7	"	Dexter Tiffany et al	"
20232A-1	"	Player	"
20233A-2	"	Eugene Tiffany	"
20307A-1	"	Huffsmith	Paid.
20308A-5	"	McDonald et al	Pending.
20309A-1	"	Berthold et al	"
20310 -2	"	McCormick et al	"

In addition to the foregoing I have attended to the court proceedings of the various condemnation cases instituted by the City of St. Louis, a more detailed account of which will be found in the report of Mr. Walter B. Dryden, clerk of this Department. Respectfully submitted,

A. NICHOLSON,
Assistant City Counselor.

LAW DEPARTMENT, April 9, 1901.

Hon. B. Schnurmacher, City Counselor:

SIR — At the beginning of the fiscal year 1900–1901, there were pending 55 street and alley opening cases. During the year 25 new cases were instituted. Final judgments were obtained in 16 cases, 2 cases were dismissed, leaving 62 pending at the close of the fiscal year. Of said 62 cases so pending, some are still before the commissioners and others are pending on exceptions.

The tabulated form hereto attached shows in detail the cases and their status at the close of the year. Respectfully submitted,

WALTER B. DRYDEN,
Clerk.

CASES PENDING AT BEGINNING OF THE FISCAL YEAR 1900–1901.

ROOM. NO.		STYLE.	OPENING.	REMARKS.
5...79598	City *v.*	Davis et al	Alley 3916	Pending
3...80499	"	McManus	Alley 3920	"
4...80513	"	Meyer et al	Alley 3917	"
1...81602	"	Siebert et al	La Salle St	"
1...91472	"	Leathe et al	Alley 3917	"
4...94082	"	Pease et al	Loughborough Av	"
5...96353	"	Roe et al	Park Ave	"
5...98631	"	Schweer et al	Columbia Av	"
4...98664	"	Mersmann et al	Alley 3775	"
4...99208	"	Dun et al	Sullivan Av	Final Judgt.
3...99722	"	Toeniskoetter et al	Broadway	" "
7..100258	"	Walter et al	Broadway	Pending.
7..100298	"	Toll et al	Fyler Av	"
6....1173A	"	Garrell et al	Fairfax Av	"
7....1177A	"	Buss et al	Euclid Av	Final Judgt.
5....4005A	"	Carten et al	Alley 4530	" "
5....4059A	"	Callahan et al	Alley 3573	" "

ROOM. NO.	STYLE.	OPENING.	REMARKS.
2....5706A	City *v.* Dolan et al.....	.....Tamm Av.....	Pending.
3....6234A	" Morris et al.....	Alley 3829.....	"
1....6809A	" Abeln et al.....	Park Av.....	"
6....6813A	" Ott et al.....	Loughborough Av...	"
2....6822A	" Lawton et al.....	Kossuth Av.....	"
4....7407A	" Alexander et al.....	Gimblin Av.....	"
1....7470A	" Oberbeck et al.....	Thrush Av.....	"
5....7483A	" Stephens et al.....	Baden Av	Final Judgt.
6....7484A	" Park et al.....	Louisiana av.....	Pending.
5....8485A	" Swink et al.....	Kraft st.....	"
7....9820A	" Player et al.....	Alley 2178.....	Final Judgt.
5....9821A	" May et al.....	Alley 3711B.....	"
5...10313A	" Chamberlin et al.....	Alley 3711A.....	"
6...10314A	" Blee et al.....	De Balliviere av.....	Pending.
7...10315A	" Ever et al.....	ColumbiaBottom rd.	"
5...10363A	" Hogan et al.....	Alley 4477B.....	"
5...10864A	" Oberbeck et al.....	Broadway.....	"
5...10897A	" Cudmore et al.....	St. Louis av.....	Final Judgt.
5...10946A	" Black et al.	Alley 1257.....	Pending.
4...10945A	" Less et al.....	Alley 3716.....	Final Judgt.
3...10944A	" Krenning et al.....	Alley 1901.....	Pending.
6...10942A	" Martin et al.....	Blackstone av.....	Dismissed.
2...10983A	" Bradley et al.....	Alley 4506.....	Final Judgt.
5...10984A	" Glaser et al.....	Alley 3694.....	"
2...10986A	" Kerr et al.....	Alley 3778A.....	Pending.
6...12882A	" Mackin et al.....	Semple av..	"
1...12884A	" Burke et al.....	Alley 1816.....	"
5...12908A	" Lamb et al.....	Seventh st.....	"
5...12909A	" Krenning et al.....	Arsenal st.....	"
1...13555A	" Glass et al.....	Ninth st.....	"
1...13579A	" Einmann et al.....	Kingshighway.....	Dismissed.
3...14208A	" Thomas et al.....	Michigan av.....	Final Judgt.
6...14209A	" Gutke et al.....	Gasconade st.....	Pending.
5...14210A	" Willing et al.....	Keokuk st.....	"
7...14211A	" Henry et al.....	Alley 3618.....	Final Judgt.
7...14212A	" Gibson et al.....	Taylor av.....	Final Judgt.
7...16513A	" Herweck et al.....	Alley 4485.....	Pending.
4...14214A	" Snyder et al.....	Alley 3644B.....	"

The following cases were instituted during the fiscal year 1900–1901: —

7...16946A	City *v.* Copeland et al.....	Alley 2166.....	Pending.
3...16947A	" Mott et al.....	Alley 2966.....	"
5...16948A	" Frank et al.....	Bradley av.....	"
5...16949A	" Walters et al.....	Alley 1517.....	"
2...16950A	" Green et al.....	Alley 2955.....	"
4...16951A	" Stewart et al.....	Alley 2956.....	"
6...16964A	" Caffery et al.....	Algernon st.....	"
6...16965A	" Fox et al..	Alley 4925.....	"
6...16966A	" Puls et al.....	Alley 3980.....	"
1...16967A	" Reller et al.....	Alley 3311.....	"
6...16968A	" Moran et al.....	Alley 4057.....	"

ROOM. NO.		STYLE.	OPENING.	REMARKS.
1...16974A	City *v.*	Kren et al.	Alley 1518	Pending.
1...17456A	"	Ewing et al.	Alley 1886	"
6...17457A	"	Fornuff et al.	St. Louis av.	"
5...17458A	"	Atwell et al.	Alley 2953	"
7...17475A	"	Backer et al.	Itaska st.	"
5...17847A	"	Sturgeon et al.	Broadway	"
6...18848A	"	Calvert et al.	Tamm av.	"
3...19530A	"	Lebens et al.	Alley 2992A	"
4...19531A	"	Elman et al.	Kingshighway	"
7...19534A	"	Wright et al.	Alley 3919E	"
3...19542A	"	Smith et al	Lawrence st.	"
1...19545A	"	Brown et al.	Alley 2181S.	"
5...19546A	"	Wiser et al.	Alley 2181N	"
4...19547A	"	Glas et al.	Alley 2486	"

ANNUAL REPORT

OF THE

PRESIDENT BOARD OF ASSESSORS,

For the Fiscal Year Ending April 8, 1901.

OFFICE ASSESSMENT OF THE REVENUE,
CITY OF ST. LOUIS.
ST. LOUIS, April 30, 1901.

Hon. Rolla Wells, Mayor City of St. Louis:

DEAR SIR — I herewith respectfully submit my annual report for the fiscal year ending April 8th, 1901, together with an abstract of values of real and personal assessments for the years 1877 to 1900 inclusive: —

STATEMENT OF EXPENDITURES.

Salaries:	President of Board, Deputies, Draughtsmen and Clerks.	$49,312 89
"	District Assessors	18,000 00
"	Board of Equalization	672 00
"	Temporary Clerks in Comptroller's Office	856 95
Printing, stationery and advertising		2,427 12
Books and binding		370 75
Postage		420 00
Furniture and repairs		58 85
Directories and maps		53 00
Telephone and clock rental		165 00
Buggy hire		498 50
Bills unpaid		657 38
		$73,492 44

ABSTRACT OF VALUES FOR THE CITY OF ST. LOUIS, MO., FOR THE YEAR 1901.

Object Taxed.	Valuation of.
Real Estate	$316,041,190
Personal Property	52,470,160
Total	$368,511,350

There should be added to the above amount the assessment made on railroad property in the City of St. Louis as equalized by the State Board of Equalization.

The following amounts are not included in the above:—

Omitted Taxes for the year 1897	$11,050
" " " " 1898	17,050
" " " " 1899	19,050
" " " " 1900	25,850

Included in the above is the following amount:—

Steamboats subject to a special City Tax	$358,400

ABSTRACT OF VALUES 1877 TO 1900.

The total assessment of the City of St. Louis for the year 1876, the year previous to the enforcement of the Scheme and Charter, was $166,441,110.00. For the same year the County was assessed for $38,896,450.00. For the ensuing years the total assessments of the City were as follows: —

YEAR.	Real.	Personal.	Total.
1877	$148,012,750	$33,332,810	$181,345,560
1878	140,976,540	31,853,440	172,829,980
1879	136,071,670	27,742,250	163,813,920
1880	135,824,980	27,668,020	160,493,000
1881	139,897,470	27,466,760	167,364,230
1882	161,679,250	30,040,280	191,719,530
1883	161,621,790	29,900,700	191,522,490
1884	178,592,980	33,221,960	211,814,940
1885	177,857,240	30,053,110	207,910,350
1886	185,025,060	30,996,080	216,021,140
1887	187,088,120	32,326,760	219,414,880
1888	195,978,250	31,191,730	227,169,980
1889	196,185,840	34,152,970	230,338,810
1890	214,971,060	33,856,770	248,827,830
1891	215,353,980	39,779,710	255,132,690
1892	243,239,240	41,279,410	284,518,550
1893	242,737,430	45,088,990	287,826,420
1894	270,288,800	45,033,760	315,292,560
1895	286,098,900	44,387,740	330,486,640
1896	296,419,690	49,520,460	345,940,150
1897	299,635,220	45,114,480	344,749,700
1898	317,975,540	50,541,120	368,516,660
1899	330,021,710	44,489,060	374,510,770
1900	337,201,940	43,721,390	380,923,330

Respectfully,

JOHN J. O'BRIEN,

President Board of Assessors.

ANNUAL REPORT

OF THE

INSPECTOR OF WEIGHTS AND MEASURES,

For the Fiscal Year ending April 8, 1901.

OFFICE OF INSPECTOR OF WEIGHTS AND MEASURES,
ST. LOUIS, MO., April 12, 1901.

Hon. Rolla Wells, Mayor City of St. Louis:

DEAR SIR—I herewith respectfully submit my annual report of receipts and disbursements of the office of Inspector of Weights and Measures for the fiscal year commencing April 10th, 1900, and ending April 8th, 1901, together with a statement of the number of scales and measures inspected during the year.

Amount collected and turned into City Treasury by me from April 10th, 1900, to April 8th, 1901		$9,760 25
Expenses of the office for year ending April 8th, 1901:		
Salaries of Inspector and Assistants	$6,999 96	
Office expenses	880 30	7,880 26
Collected over and above expenses		$1,879 99
Number of scales and measures inspected:		
Track scales		77
Hopper scales		139
Wagon scales		787
Depot scales		226
Floor scales		1,588
Platform scales		1,788
Beam scales		61
Counter scales		7,605
Spring scales		2,201
Total		14,467
Measures		
Sets of dry measures		286
Sets of liquid measures		172
Odd dry measures		12,428
Odd liquid measures		6,066
Yard measures		2,924
Bushel measures		2
Total		21,878

During the term there were 182 dry and 93 liquid measures and 122 scales condemned. There were eleven prosecutions for using unstamped measures, five for false measures, one for false scale, and one for refusing to pay inspection fees.

Respectfully submitted,

JOHN C. LYONS,

Inspector, Weights and Measures.

ANNUAL REPORT

OF

CHARLES F. WENNEKER,

COLLECTOR OF THE REVENUE,

For the Fiscal Year ending April 8, 1901.

ST. LOUIS, April 8, 1901.

Hon. Rolla Wells, Mayor City St. Louis:

DEAR SIR — In pursuance of the provisions of Section 47, Article 4, of the City Charter, I have the honor to submit the annual report of my collections from April 10th, 1900, to April 8th, 1901, both days inclusive.

COLLECTIONS FOR THE STATE.

TAXES AND INTEREST.

Current taxes,	1900	$830,862 85		
Back "	1900	9,803 90		
" "	1899	62,815 95		
" "	1898	25,228 60		
" "	1897	13,184 80		
" "	1896	7,199 45		
" "	1895	5,089 05		
" "	1894	561 28		
" "	1893	272 55		
" "	1892	197 90		
" "	1891	26 40		
" "	1890	4 77		
" "	1889	1 95		
" "	1888	94		
" "	1885-1886	1 06		
			$955,251 45	
Delinquent personal taxes	1900	507 85		
" " "	1899	3,582 20		
" " "	1898	1,118 30		
" " "	1897	481 70		
" " "	1896	356 20		
" " "	1895	220 15		
" " "	1894	140 00		
" " "	1893	12 55		
" " "	1892	18 35		
" " "	1891	5 38	961,694 18	

STATE LICENSES.

Merchants	$52,016 50		
Manufacturers	50,108 25		
Brokers	3,033 35		
Auctioneers	550 00		
Billiards	1,010 00		
Dramshops	222,086 00	328,804 10	1,290,498 28
Total collections for the State			$1,290,498 28

COLLECTED FOR THE PUBLIC SCHOOLS.

TAXES AND INTEREST.

Current taxes,	1900	$1,329,380 39		
Back "	1900	15,692 76		
" "	1899	100,508 89		
" "	1898	40,284 88		
" "	1897	21,092 83		
" "	1896	11,551 11		
" "	1895	8,236 64		
" "	1894	911 93		
" "	1893	443 64		
" "	1892	328 80		
" "	1891	35 89		
" "	1890	6 26		
" "	1889	2 46		
" "	1888	95		
" "	1885–1886	1 06		
Delinquent personal taxes	1900	812 90		
" " "	1899	5,738 93		
" " "	1898	1,798 60		
" " "	1897	762 56		
" " "	1896	576 67		
" " "	1895	356 43		
" " "	1894	227 22		
" " "	1893	20 26		
" " "	1892	29 70		
" " "	1891	7 18		
Merchants and manufacturers licenses		163,399 60	$1,702,208 04	
Total collections for the Public Schools				$1,702,208 04

COLLECTED FOR THE CITY.

TAXES AND INTEREST.

Current Taxes	1900	$4,259,049 66⁷		
Back "	1900	51,327 93		
" "	1899	328,429 60		
" "	1898	142,016 13		
" "	1897	74,639 31		
" "	1896	40,730 43		
" "	1895	29,282 42		
" "	1894	3,341 22		
" "	1893	1,648 06		
" "	1892	1,223 66		
" "	1891	133 78		
" "	1890	19 74		
" "	1889	6 66		
" "	1888	2 89		
" "	1885–1886	2 10		
Delinquent personal taxes	1900	2,635 47		
" " "	1899	18,006 81		
" " "	1898	6,325 68		
" " "	1897	2,671 48		
" " "	1896	2,028 68		
" " "	1895	1,300 08		
" " "	1894	787 03		
" " "	1893	73 72		
" " "	1892	107 77		
" " "	1891	26 26	4,965,816 57⁷	
Sprinkling taxes	1900	134,087 50		
" "	1899	12,101 62		
" "	1898	7,307 41		
" "	1897	2,493 83		
" "	1896	1,316 37		

"	"	1895	$738 14	
"	"	1894	559 82	
"	"	1893	290 14	
"	"	1892	287 67	
"	"	1891	100 61	
"	"	1890	27 66	
"	"	1889	19 61	
"	"	1888	10 66	$159,340 54
Forest Park Boulevard Special Tax Bills			10 86	
				$5,125,167 47
Auctioneers			2,700 00	
Banks, brokers, financial agents			6,295 85	
Billiards and ten pin alleys			730 00	
Bills for keeping insane patients			6,468 25	
Bill posters			80 00	
Bicycles			3,980 00	
City Hospital bills			280 20	
Commission merchants			14,645 85	
Dogs			2,632 00	
Dramshops			1,035,638 45	
Engravers			100 00	
Flying horses			60 00	
Fortune tellers and clairvoyants			450 00	
Garbage removers			640 00	
Hotels and boarding houses			1,948 00	
Insurance companies and agents			19,200 00	
Intelligence offices			1,350 00	
Int. and costs on street openings special taxes			2,224 73	
Jail bills			1,860 10	
Junk shops and wagons			2,709 95	
Lumber measurers			90 00	
Manufacturers			169,143 50	
Market rents, Union			30,423 50	
"	"	Soulard	345 50	
"	"	South St. Louis	24 00	
Merchandise brokers			8,191 75	
Mercantile agents			1,400 00	
Merchants			209,820 90	
Ordinaries			3,080 15	
Pawnbrokers			5,400 00	
Peddlers and hawkers			9,857 85	
Photographers			1,106 25	
Poor house bills			1,429 24	
Quarantine bills			34 00	
Railroad ticket brokers			779 20	
Real estate agents			4,081 30	
Register's fees			6,313 00	
Rent bills			2,058 43	
Runners			310 00	
Sale stables			350 00	
Shooting galleries			68 75	
Stockyards			150 00	
Street openings special taxes			42,068 54	
Street railroads			21,425 00	
Theatres and exhibitions			1,500 00	
Vault cleaners			200 00	
Vehicles			37,354 00	
Weighers' tickets			10,503 52	
Weighers			50 00	
Wharfage bills			62,620 39	1,734,122 15
Total collections for the City				$6,859,289 62

RECAPITULATION.

Collected for the State—			
Taxes and Interest	$961,694 13		
Licenses	328,804 10		
		$1,290,498 23	
Collected for the Public Schools —			
Taxes and Interest	1,538,808 44		
Licenses	163,399 60	1,702,208 04	
Collected for the City —			
Taxes and Interest	4,965,816 57		
License, Wharfage and Special Taxes	1,734,122 15		
Sprinkling Taxes	159,350 90	6,859,289 62	
Commissions collected on Back and Delinquent Personal Taxes		21,008 85	$9,878,004 74
Total collections for the State, School and City			9,878,004 74

DISBURSEMENTS.

Amt. paid into the State Treasury	$1,276,134 89		
" " " " Public School Treasury	1,690,107 02		
Amt. paid into the City Treasury	6,772,656 49	$9,738,898 40	
Coms. on Current Taxes, State, School, City Licenses and Sprinkling Taxes		113,097 49	
Coms. on Back and Delinquent Personal Taxes		21,008 85	$9,878,004 74

COMMISSION ACCOUNT.

Commissions on Current Taxes and State, School and City Licenses and Sprinkling Tax	$113,097 49	
Commission on Back and Delinquent Personal Taxes	21,008 85	$134,106 34

DISBURSEMENTS OF COMMISSIONS.

Salaries of Collector and Deputies	$71,031 69		
Expenses	55,341 78	$126,373 47	
Surplus of Commissions as follows: —			
For the State	$981 53		
" " Public Schools	826 16		
" " City	5,925 18	$7,732 87	$134,106 34

Respectfully submitted,

CHAS. F. WENNEKER,

Collector of the Revenue.

ANNUAL REPORT

OF THE

INSPECTOR OF BOILERS AND ELEVATORS,

For the Fiscal Year ending April 8, 1901.

Hon. Rolla Wells, Mayor of the City of St. Louis:

SIR — I have the honor herewith to submit to you my annual report of the receipts and disbursements of this office for the fiscal year just closed, together with a statement of the number of boilers and elevators inspected, also a statement of the services rendered by the Board of Engineers, viz.: —

Total appropriations	$11,786 00
Total expenses	11,774 48
Returned to general revenue	11 52
Paid into treasury on account of boilers	9,810 00
Paid into treasury on account of elevators	4,970 00
Paid into treasury on account of applicants	352 00
Total collections paid treasurer	$15,132 00
Total expenses	11,774 48
Paid treasurer over and above expenses	$3,357 52

TOTAL EXPENSES.

Pay rolls, inspector, deputies and clerk	$9,000 00
Pay rolls, board of engineers	416 00
Apparatus and repairs	42 20
Stabling, shoeing, etc	821 50
Horse hire	81 00
Harness and repairs	52 00
Office expenses, furniture, etc	100 60
Car tickets	225 00
Printing and stationery	521 53
Wagons and repairs	364 45
New horse	150 00
Total	$11,774 48
Amount paid into treasury	$15,132 00
Uncollected certificates	551 00
Total assets	$15,683 00
Expenses	11,774 48
Amount of assets over and above expenses	$3,908 52

Number of boilers collected for (1962)	$9,810 00
Number of boilers to be collected for (101)	505 00
Number of boilers in City institutions (28)	140 00
Total amount of boiler work	$10,455 00
Number of elevators collected for (4970)	$4,970 00
Number of elevators to be collected for (46)	46 00
Total amount of elevator work	$5,016 00
Number of fees of applicants collected for (176)	$352 00
Total amount of work in all departments	$ 15,823 00

WORK PERFORMED BY THE BOARD OF ENGINEERS.

Number of licenses renewed	1,476
Number of applicants for license	200
Number of applicants rejected	143
Number of applicants qualified	33
Number of applicants not yet examined	24
Number of licenses expired, re-examined and passed	8
Number of special permits granted and renewed	78

BOILERS IN CITY INSTITUTIONS.

Court House	2	Poor House	3
City Hospital	3	Four Courts	3
Female Hospital	3	City Work House	2
Insane Asylum	3	House of Refuge	3
Insane Asylum pump house	2	New City Hall	4

Boilers condemned	27
Condemned mud-drums	18
Condemned mud-drums legs	42
Condemned mud-drums heads (cast iron)	12
Defective safety-valves	32
Defective flues and tubes	781
Defective blow-off pipes and valves	86
Defective bracing of boiler-heads	123
Defective steam-gauges and water-columns	223
Defective sheets	161
Cracked boiler-heads	8
Cast iron fittings ordered removed	512
Cast iron reinforcing rings condemned	51
Defective and loose rivets in seams	142
Defective boiler settings	37
Defective stay-bolt spacing	19
Working pressure reduced	108
Fusible plugs ordered put in	102
Cracked sheets in water-legs	8

All of which is respectfully submitted.

WM. J. CASTANIE,
Inspector of Boilers and Elevators,
and Secretary of Board of Engineers.

HENRY C. TULLEY,
ARTHUR FRITSCH,
Members of the Board of Engineers.

ANNUAL REPORT

OF THE

CITY WORKHOUSE,

For the Fiscal Year ending April 8, 1901.

CITY WORKHOUSE,
ST. LOUIS, April 22, 1901.

Hon. Rolla Wells, Mayor of St. Louis:

HONORED SIR: In compliance with the provisions of the City Charter, I have the honor to submit herewith the following annual report of the business transacted during the fiscal year ending April 10, 1901, including detailed statement of appropriation and expenditures, the number of male and female prisoners confined and the respective amount of labor performed by the same, as well as the cost of the same, in maintaining officers and prisoners, etc.

The health of the prisoners has been exceedingly good, very few became sick while here, some are suffering from chronic diseases when they are sent here. Dr. Otto L. Rohlfing visits this institution daily and any prisoner becoming seriously ill is sent to the City Hospital at once. I desire to propose, that a laundry be established in order to employ the female prisoners more regularly and advantageously, which would be also beneficial to the City on account of the City laundry work which could be done here and save that expense for the City. It is my purpose to enforce good discipline, at the same time to see to it that the prisoners are well treated. In conclusion, I desire to say that the following detailed statement will furnish all necessary information concerning the government of the Workhouse.

I am, very respectfully, your obedient servant,

CONRAD KEMPF,
Superintendent.

FINANCIAL STATEMENT OF THE ST. LOUIS WORKHOUSE FOR THE FISCAL YEAR ENDING APRIL 9, 1901.

Annual appropriation under Ordinances Nos. 19,806, 19,835 19,905, 19,917, 20,047: —	
For salaries of Superintendent and employes	$23,700 00
For groceries, provisions, fuel and ice	31,500 00
For drugs, medicine, hospital supplies, dry goods, etc	5,000 00
For forage, etc	4,200 00
For tools, guns, ammunition, harness and repairs, powder and fuse	3,500 00
For attending charity convention	150 00

For labor and repairs of building, etc	2,000 00	
For mules	1,375 00	
For labor for new cell building	5,500 00	
For horse	175 00	
For bills unpaid at the beginning of the fiscal year	2,299 61	
Total appropriation		$79,399 61
Total expenditures		70,354 79

DETAILED STATEMENT OF EARNINGS FROM APRIL 1, 1900, TO MARCH 31, 1901, INCLUSIVE.

By fines and fees collected	$ 522 10
By macadam delivered to Street Department	9,565 64
By grading done for street department	33,762 00
By Harbor and Wharf Department, river front Rip R	8,622 50
By mules condemned	103 00
By building of walls on premises	269 00
By sundry repairs of public sidewalk	665 98
Total earnings	$53,510 22

On account of the Street Department not having received macadam for a number of months, there are at present 3609 squares of the same on hand in the quarry, at $2.45 per square, would amount to $8,842.05.

DETAILED STATEMENT OF EXPENDITURES.

Salaries of superintendent and employes	$28,543 54	Harness and repairs	$ 334 90
Groceries and provisions	6,235 91	Vehicles and repairs	256 78
Fuel	1,975 22	Plants and seeds	120 25
Ice	227 48	Powder and fuse, etc	531 16
Meats and Fish	14,678 06	Office expenses	87 98
Bread	6,966 77	Miscellaneous	667 00
Drugs, instruments and hospital supplies	372 67	Mules	500 00
Dry goods, clothing, etc	1,387 87	Attending Charity Convention	119 40
Shoes and findings	1,033 01	Labor and material	1,953 05
House furnishing goods, furniture and repairs	1,879 58	Bills unpaid at beginning of fiscal year	2,299 61
Forage	4,079 16	Total expenditures	$70,354 75
Hardware and tools	1,065 65		
Guns, ammunition, and repairs	39 75		

MONTHLY STATEMENT OF RECEIPTS AND EXPENDITURES.

1900. RECEIPTS.		1900. EXPENDITURES.	
April	$5,766 50	April	$5,111 53
May	5,775 87	May	5,425 68
June	5,837 27	June	5,116 49
July	4,984 97	July	5,410 56
August	4,563 89	August	5,862 32
September	4,512 58	September	6,852 04
October	4,070 92	October	6,049 60
November	3,257 85	November	5,806 13
December	3,627 22	December	5,874 87
January, 1901	3,832 05	January, 1901	5,162 99
February	3,067 60	February	5,379 74
March	4,713 50	March	6,006 19
	$53,510 22		$68,055 14
Bills unpaid at beginning of fiscal year			2,299 61
Total			$70,354 75

SUMMARY OF WORK DONE DURING THE YEAR.

GRADING.

Cubic yards of earth removed in cutting, filling and shaping streets and alleys	144,450

QUARRYING.

Macadam furnished to Street Department, squares	3,725[50]
Macadam furnished to Carondelet Park, "	18
Rip-rap furnished to Harbor and Wharf Depart., perches	21,525

LOCATION OF WORK DONE BY GRADING GANGS.

Kosciusko st., between Keokuk st. and Cahokia st.
Ninth st., between Malt and Kansas st.
Grand av., between Chippewa st. and Miami st.
East side of Michigan av., between Neosho st. and Dakota st.
Texas av., between Utah st. and Wyoming st.
Grand av., between Keokuk st. and Chippewa st.
Iowa av., between Magnolia av. and Sidney st.
Sidney st., between Virginia av. and Louisiana av.
Sidney st., between California av. and Arkansas av.
Grand av., between Meramec st. and Alberta st.
Compton av., between Wyoming st. and Juniata st.
Alley in City Block, No. 4160.
East and West Alley in City Block No. 2566.
East and West Alley in City Block No. 1537.
East and West Alley in City Block No. 1504.
Sidney st., between Ohio av. and California av.
Alley in City Block No. 1509.
Minnesota av., between Magnolia av. and Lynde st.
Compton av., between Arsenal st. and Pestalozzi st.
East and West Alley in City Block No. 2594.
Koeln av., from 8th st. West.
Michigan av., between Winnebago st. and Chippewa st.
Eugene av., between Koeln av. and Blow st.
Minnesota av., between Neosho st. and Dakota st.
Minnesota av., between Neosho st. and Osceola st.
Minnesota av., between Wyoming st. and Gravois av.
Alley in City Block No. 2594.
House of Refuge Grounds.
Louisiana av., between Keokuk st. and Chippewa st.
Carondelet Park.
Wyoming st., between Lemp av. and 13th st.
Alley in City Block No. 1531.

During this fiscal year the following work was done for the improvement of this institution:—

3 Ventilators to Male Cellhouse.
2 New Ceiling to Male Cellhouse 128 feet long x8.
2 Sides Plastering to Male Cellhouse 128 feet long x22 and 50x84 feet.
On Male Building 6000 shingles.
New Cornice on Male Building 204x4 feet.
2 New Ceilings in Female Building 70x10 feet.
New Ceiling in Boiler room 26x40 feet.
New Plastering Guard Building 148x24 feet.
New shingle roof on Guard Building.
New Roof on Soaphouse 11000 shingles.
New Gravel Roof on Boilerhouse.
100 ft., 12 ft. high board fence.
450 ft. Picket fence.

SEWING.

Making Denim Shirts	584
" Duck pants for prisoners	563
" Dress	158
" Aprons	152
" Bed ticks	275
" Sheets	357
" Chemise	636
" Gloves, pair	595
" Waists	620
Mending pants and shirts during the year	2,015

PRISONER'S ACCOUNT.

	Male.	Female.	Total.
Number of prisoners confined April 1, 1900	291	68	359
Number of prisoners received during the year	1,462	633	2,095

NUMBER OF PRISONERS DISCHARGED.

	Male.	Female.	Total.
From April 1, 1900, to April, 1901	1,491	648	2,139
Number of prisoners confined April 1, 1901	252	63	315

PRISONER'S ACCOUNT.

	Received.			Discharged.		
1900.	Male.	Female.	Total.	Male.	Female.	Total.
April	117	43	160	109	51	160
May	94	16	110	130	35	165
June	119	39	158	119	36	155
July	129	60	189	117	46	163
August	143	87	230	133	56	189
September	141	62	203	147	75	222
October	96	53	149	163	73	236
November	145	52	197	133	57	190
December	129	68	197	112	54	166
1901.						
January	112	65	177	114	68	182
February	88	41	129	87	45	132
March	149	47	196	127	52	179
Total	1,462	633	2,095	1,491	648	2,139

COURTS FROM WHICH PRISONERS WERE COMMITTED.

Received from 1st, 2d District and South Police Courts	1,249
Received from Court of Criminal Correction	736
Received from Criminal Court	110
Total	2,095

OFFENSES FOR WHICH PRISONERS WERE COMMITTED.

Violation of the City ordinances	1,249
Petit larceny	580
Carrying concealed weapons	74
Assault to kill	35
Assault and battery	43
Grand larceny	29
Common assault	18
Burglary and larceny	17
Robbery, first degree	6
Robbery, second degree	4
Assault to rob	4

Manslaughter	4
Forgery third degree	2
Receiving stolen property	6
Obtaining money under false pretenses	5
Embezzlement	5
Malicious mischief	5
Throwing stones at street railroad cars	4
Wife abandonment	3
Disposing of mortgaged property	1
Assault to ravish	1
Bribery of witness	1
Total	2,095

AGES OF PRISONERS.

	Police Court.	Crim. and Cor. Court.	Total.
From 15 to 20	201	198	399
From 20 to 30	431	305	736
From 30 to 40	267	246	513
From 40 to 50	219	82	301
From 50 to 60	110	12	122
From 60 to 70	18	3	21
From 70 to 80	3	...	3
Total	1,249	846	2,905

DISPOSITION OF PRISONERS — HOW DISCHARGED.

Expiration of fines and sentences	1,596
Remit by the Mayor on good behavior	372
Remit by the Mayor on part payment of fines and cost	55
Remit by the Mayor on stay to leave the city	9
Paroled	61
Cost commuted	17
Order of court	19
Escaped	7
Pardoned	1
Sentence commuted	1
Died in hospital	1
Total	2,139

NATIONALITIES.

	Police Court.		Crim. & Cor. Court.		
	Male.	Female.	Male.	Female.	Total.
United States, white	403	176	391	21	991
United States, colored	204	263	289	81	837
Ireland	45	65	12	5	127
Germany	42	6	22	1	71
England	13	8	2	..	23
Canada	3	2	5	1	11
Mexico	1	1	1	..	3
Austria	3	..	1	..	4
Switzerland	8	..	1	..	9
France	2	..	3	..	5
Russia	2	1	1	..	4
Scotland	1	..	2	..	3
Bohemia	1	..	1	..	2
Greece	1	..	..	..	1
Sweden	..	..	1	..	1
Belgium	1	..	..	..	1
Hungary	..	..	1	..	1
Australia	1	..	..	..	1
Total	731	521	733	110	2,095

HOW PRISONERS WERE EMPLOYED.

Number of days in quarry	36,750
Number of days in grading	25,460
Number of days in yard	3,475
Number of days in stable	2,165
Number of days in kitchen	2,255
Number of days in garden	1,860
Number of days in blacksmith shop	1,165
Number of days in carpenter shop	1,130
Number of days in whitening	690
Number of days lost by sickness	720

HOW THE STOCK WAS EMPLOYED.

Number of days at grading	7,375
Number of days at quarry	1,150
Number of days at garden	390

ANNUAL REPORT

OF THE

Board of Managers of the House of Refuge,

ST. LOUIS, April 9, 1901.

To the Honorable Board of Managers of the St. Louis House of Refuge:

LADIES AND GENTLEMEN — I have the honor to present to you, my annual report as Superintendent, for the fiscal year ending April 8th, 1901. The various tables of statistics found appended to this report will explain to you the movement of the population and also the expenditures of the Institution for the past fiscal year. I desire to express my appreciation to the officers in the Institution, whose conscientious and painstaking work has made possible the improvements in the past fiscal year.

Thanking you, ladies and gentlemen of the Board of Managers, for your kind assistance and support, I remain,

Very respectfully,

WM. C. NOLTE,
Superintendent.

TABLE NO. 1.

Number in institution April 9th, 1901:—			
White boys	238		
Colored boys	73	311	
White girls	94		
Colored girls	20	114	425
Number received during year ending April 9, 1901: —			
White boys	234		
Colored boys	59	293	
White girls	56		
Colored girls	15	71	364
Number discharged during year ending April 9, 1901: —			
White boys	240		
Colored boys	60	300	
White girls	69		
Colored girls	12	81	381
Number in the institution April 9, 1901: —			
White boys	232		
Colored boys	72	304	
White girls	81		
Colored girls	23	104	408

The daily average number in the institution: —

Boys	317
Girls	108
Total average	425

TABLE NO. 2.

SHOWING BY WHAT AUTHORITY THOSE RECEIVED WERE COMMITTED.

Mayor of St. Louis	277	Returned by employers	6
Police Justices of St. Louis	25	Fugitives returned	5
Court of Criminal Correction	41	Returned by City Hospital	1
Received on former commitments	9		
		Total	364

TABLE NO. 3.

SHOWING OFFENSES AND CAUSES FOR WHICH COMMITTED.

Incorrigibility	121	Carrying concealed weapons	2
Petit larceny	87	Discharging firearms	1
Disturbing the peace	15	Attempted rape	1
Destitution	151	Begging	2
Thieving	9	Vagrancy	1
Assault and battery	5	Malicious destruction of property	4
Running away from home	6	Exposing person	1
Trespassing	2	Escaping from institution	5
Abandoned	1		
		Total	364

TABLE NO. 4.

SHOWING NATIVITY OF THOSE COMMITTED.

Missouri (St. Louis)	264	England	3
Illinois	26	Indiana	4
Mississippi	4	Germany	6
Alabama	3	Ireland	1
Texas	3	Russia	3
Ohio	7	Arkansas	6
Kentucky	3	California	1
Virginia	1	Pennsylvania	1
Italy	2	Minnesota	1
Michigan	2	Louisiana	3
West Virginia	1	Nebraska	2
New York	5	North Dakota	1
Tennessee	7	Bohemia	1
Kansas	3		
		Total	364

TABLE NO. 5.

SHOWING PARENTAGE OF THOSE COMMITTED.

American (white)	164	Belgian	1
American (colored)	90	Bohemian	5
German	41	Russian	5
Canadian	4	Swiss	3
English	9	Scotch	3
Irish	29	Welsh	1
French	7		
Italian	2	Total	364

TABLE NO. 6.

SHOWING AGES OF THOSE COMMITTED.

3 years of age	10	11 years of age	35
4 " "	15	12 " "	36
5 " "	12	13 " "	35
6 " "	15	14 " "	48
7 " "	11	15 " "	62
8 " "	26		
9 " "	28	Total	364
10 " "	31		

TABLE NO. 7.

SHOWING DISPOSITION MADE OF THOSE DISCHARGED.

Delivered to their parents	274	Paroled	3
Delivered to other relatives	26	Sent to City Hospital	8
Delivered to friends	25	Escaped	24
Indentured	14	Died	2
Delivered to Managers of Orphan Asylum at Webster Groves, Mo.	5	Total	381

TABLE NO. 8.

SHOWING PERIOD OF DETENTION OF THOSE DISCHARGED.

One	month	69	28	months		3
2	months	37	29	"		1
3	"	38	30	"		1
4	"	22	32	"		1
5	"	19	34	"		1
6	"	11	35	"		1
7	"	23	36	"		1
8	"	20	37	"		1
9	"	12	38	"		1
10	"	8	39	"		1
11	"	4	40	"		3
12	"	17	43	"		1
13	"	17	44	"		2
14	"	3	45	"		1
15	"	4	48	"		2
16	"	2	50	"		2
17	"	4	51	"		1
18	"	10	55	"		1
19	"	7	61	"		1
20	"	5	65	"		2
21	"	4	68	"		1
22	"	1	77	"		2
23	"	1	86	"		1
24	"	6	88	"		1
26	"	2				
27	"	2		Total		381

Average period of detention, 10 1-2 months.

EXPENDITURES.

Bills unpaid at beginning of fiscal year	$2,371 11
Salaries of officers and employes	19,986 09
Groceries and provisions	7,658 55
Meat and fish	7,651 18
Vegetables, potatoes, etc.	200 44
Ice	146 03
Fuel	3,040 74
Bread	3,841 84
Girls' Industrial Training School, Salaries	1,980 00
Drugs, medicines, etc.	762 25
Medical attendance	621 50
Dry goods, clothing and bedding	6,383 37
House furnishing goods, furniture, soap, etc.	2,800 36
Boys' Manual Training School, salaries	3,013 87
" " " " tools and machines	488 88
Forage	535 23
Shoeing horses, repairing harness, vehicles, etc.	532 44
Printing, stationery, school books, etc.	576 24
Oils, packing, waste and tools used by engineer	315 32
Materials for repairing fences and maintaining grounds	884 99
Christmas and Easter expenses	24 70
Labor and materials for repairs of buildings	4,289 07

Repairs of boilers, machinery, etc.	42 94
New Hospital	5,361 21
Galvanized iron ceilings and fire escapes	445 50
Attending Conference of Charities and Corrections	296 60
Rent of telephones	180 00
Funeral expenses	58 00
Car tickets	50 80
For returning escaped inmates	26 50
Miscellaneous, sundry	59 20
Total	$74,524 95

BAKERY.

By receipts from sale of bread and empty flour barrels		$11,098 79
To salaries paid for manufacture of bread and repairs of bakery	$1,834 04	
Cost of materials used	9,014 25	
To balance	250 50	
		$11,098 79

ANNUAL REPORT

OF THE

Assessor and Collector of Water Rates,

For the Fiscal Year ending April 8, 1901.

OFFICE OF ASSESSOR AND COLLECTOR OF WATER RATES,
ST. LOUIS, April 9, 1901.

Hon. Rolla Wells, Mayor of the City of St. Louis:

SIR — In conformity with the provisions of charter and ordinance, I have the honor to submit for the information of the Executive and Legislative Departments of the City Government, the following report on the operations of this office for the fiscal year ending April 8th, 1901: —

The subjoined tables will supply the statistics for the year as indicated by the respective headings.

Table No. 1. — Receipts for the past year.
Table No. 2. — Receipts for the previous year.
Table No. 3. — Comparative statement of the sources of revenue for the fiscal years 1899–1900 and 1900–1901.
Table No. 4. — Number, size and kinds of meters now in use and placed during the year, and number of hydraulic elevators.
Table No. 5. — A comparative statement of meters and elevators in use, and the revenue derived therefrom.
Table No. 6. — Number of gallons of water consumed through meters.
Table No. 7. — Comparative statement showing respectively, the amount of water and the revenue derived from metered water and from unmetered water.
Table No. 8. — Number and size of taps granted during the year, and the amount received therefrom.
Table No. 9. — Daily collections from all sources.
Table No. 10. — Yearly and total revenue derived from the water works since date of introduction.
Table No. 11. — Collections by calendar year.
Table No. 12. — Revenue collected each year since 1870, and the per cent of cost for collecting same.
Table No. 13. — Public institutions supplied with water free of charge.
Table No. 14. — Average daily consumption.

A comparison of Table No. 1 and Table No. 2 shows an increase in the collections of this fiscal year over the handsome increase of the previous year of $125,115.02, receipts for 1900–1901 being $1,607,168.82, the largest in the history of this office.

Table No. 11 shows an increase for the calendar year 1900, of $162,001.27, the largest previous increase being in the year 1890, $102,523.45, and the average increase for the last eight calendar years being $32,362.70 (1892–1899).

The increase from July 1st, 1899, at which time I took charge of this office, to April 8th, 1901, the end of the fiscal year (*one year and nine months*), $227,807.42. Increase for previous *eight years* (1891–1899), $247,273.00.

This excellent showing has been accomplished almost entirely through the adoption of a more modern and improved system of collecting the revenue, and through a thorough inspection of meter accounts and the resultant testing of meters.

A system of counter checking has also been inaugurated, whereby all record books are first checked from stubs of the original licenses issued, and then checked against the original inspections, thus insuring that the licenses are made out for the amounts called for by the inspectors' returns and then entered accordingly, thus making a complete check on the workings of the office, no checking of any records having been previously done in this office.

The expense of collecting the revenue during the past year has been further reduced to 3.76 per cent, the expense for the preceding year being 3.9 per cent, and the smallest previous expense being 4.1 per cent (1898).

It is gratifying to be able to state that the above results have been achieved in great measure through the untiring efforts of competent, willing, and able clerks and inspectors, who have at all times heartily co-operated in carrying out the work of the office.

Citizens generally approve of the plan of paying water license through one hundred and forty-two (142) branch agencies of the American Express Company located throughout the city and collections through this source are increasing monthly.

In conclusion I again take the liberty of calling attention to the exorbitant and inequitable water rates now in force, and refer to my annual report of last year for data and tables in reference to same. In view of the fact that charter amendments are proposed, which means increased taxation in some form or other, I believe it to be the duty of the City whenever a department is more than self-sustaining and the surplus cannot be used for purposes other than operating and extending said department, to reduce that particular tax, especially when it is possible to do so without jeopardizing the efficiency of the department, and thus lighten the burden of the taxpayer as much as possible.

Respectfully submitted,

THEODORE HEMMELMANN, JR.,
Assessor and Collector of Water Rates.

TABLE No. 1.

RECEIPTS FOR THE FISCAL YEAR ENDING APRIL 8TH, 1901.

DATE.	Licenses.	Permits and Taps.	Miscellaneous Accounts.	Total.
1900.				
April 10-30	$ 58,841 00	$417 50	$143 26	$ 59,401 76
May	164,140 00	330 25	145 40	164,615 65
June	145,048 50	358 50	226 10	145,633 10
July	92,528 50	458 15	15 55	93,002 20
August	96,835 50	568 95	34 66	97,439 11
September	102,767 50	506 90		103,274 40
October	185,746 50	460 45	229 35	186,436 30
November	167,156 50	453 25	181 30	167,791 05
December	164,398 50	475 75	282 75	165,157 00
1901.				
January	110,606 50	562 05	26 20	111,194 75
February	87,285 00	258 05	3 00	88,146 05
March	109,631 00	775 60	50	110,407 10
April 1-8	114,374 50	144 65	151 20	114,670 35
	$1,599,959 50	$5,770 05	$1,439 27	$1,607,168 82

TABLE No. 2.

RECEIPTS FOR THE FISCAL YEAR ENDING APRIL 9TH, 1900.

DATE.	Licenses.	Permits and Taps.	Miscellaneous Accounts.	Total.
1899.				
April 11-30	$ 32,781 50	$ 575 55	$ 44 15	$ 33,401 20
May	143,445 50	527 65	128 95	144,102 10
June	138,152 50	650 40	210 70	139,013 60
July	90,510 00	889 90	62 40	91,462 30
August	88,142 50	853 55	3 50	88,999 55
September	96,351 50	762 60	6 90	97,121 00
October	174,953 00	634 85	247 30	175,835 15
November	162,285 00	410 35	164 80	162,810 15
December	140,454 50	305 65	236 75	140,996 90
1900.				
January	91,552 50	203 35	32 70	91,788 55
February	86,097 00	150 30	10 30	86,257 60
March	111,934 50	327 45	4 25	112,266 20
April 1-9	117,704 00	140 75	154 75	117,999 50
	$1,474,314 00	$6,432 35	$1,307 45	$1,482,053 80

TABLE NO. 3.

COMPARATIVE STATEMENT OF THE SOURCES OF REVENUE FOR THE FISCAL YEARS 1899-1900 AND 1900-1901.

	1899-1900	1900-1901
General Licenses	$ 898,621 50	$ 942,686 50
Meters and Elevators	546,672 00	620,723 00
Private Sprinkling	18,561 50	27,190 50
Building Purposes	9,666 50	8,609 00
Meter Repairs and Miscell. Accounts	1,307 45	1,439 27
Permits and Taps	6,432 35	5,770 05
Filling Cisterns	792 50	750 50
	$1,482,053 80	$1,607,168 82

TABLE NO. 4.

METERS.

There are now attached to service pipes forty-three hundred and thirty-one meters of the following sizes:—

DATE.	SIZE.									TOTAL.
	½ in.	⅝ in.	¾ in.	1 in.	1½ in.	2 in.	3 in.	4 in.	6 in.	
Up to April 9, 1900	230	1642	650	775	256	304	148	116	12	4133
During the past year	16	139	97	79	28	32	12	14	2	419
Total	246	1781	747	854	284	336	160	130	14	4552
Discontinued	23	79	35	41	10	15	8	9	1	221
Total in use	223	1702	712	813	274	321	152	121	13	4331

	SIZE.									TOTAL.
	½ in.	⅝ in.	¾ in.	1 in.	1½ in.	2 in.	3 in.	4 in.	6 in.	
Property of City	44	72	147	172	31	63	40	39	6	614
Property of Consumer	179	1630	565	641	243	258	112	82	7	3717
Total	223	1702	712	813	274	321	152	121	13	4331

DIFFERENT KINDS OF METERS IN USE.

	SIZE.									TOTAL.
	½ in.	⅝ in.	¾ in.	1 in.	1½ in.	2 in.	3 in.	4 in.	6 in.	
Worthington	.....	935	210	465	180	196	96	48	5	2135
Hersey	.....	418	197	143	46	48	13	18	1	884
Crown	193	48	172	96	26	49	30	30	2	646
Hersey, Disc	.....	111	41	31	6	6	1	3	.....	199
Thompson	1	81	12	16	5	2	5	8	1	131
Thompson, B	13	51	25	10	5	6	.....	1	.....	111
Union	5	5	18	22	1	7	4	12	2	76
Neptune	1	27	22	15	2	5	.....	.....	.....	72
Nash	9	10	6	13	3	.....	2	.....	.....	43
Lambert	.....	14	6	.....	.....	.....	.....	.....	.....	20
Empire	1	2	3	2	.....	1	.....	.....	.....	9
Gem	.....	.....	.....	.....	.....	1	1	1	1	4
Tarrent	.....	.....	.....	.....	.....	.....	.....	.....	1	1
	223	1702	712	813	274	321	152	121	13	4331

HYDRAULIC ELEVATORS.

Number in operation April 9, 1900	213
Erected during the past year	1
Total	214
Discontinued	2
Total number in use	212

TABLE NO. 5.

COMPARATIVE STATEMENT OF METERS AND ELEVATORS IN USE, AND THE REVENUE DERIVED THEREFROM.

FISCAL YEAR.	Number of Elevators.	NUMBER OF METERS.			Amount Collected.
		Property of City.	Property of Consumer.	Total.	
1873-1874	.....	.....	.....	212	.....
1874-1875	.....	.....	.....	231	.....
1875-1876	.....	.....	.....	245	.....
1876-1877	.....	.....	.....	289	.....
1877-1878	95	.....	.....	318	$113,454 08
1878-1879	114	276	87	363	127,616 17
1879-1880	126	299	136	435	142,849 50
1880-1881	139	318	255	573	180,904 35
1881-1882	154	437	468	905	222,397 00
1882-1883	164	563	665	1228	244,119 77
1883-1884	161	681	841	1522	247,489 81
1884-1885	163	709	1102	1811	246,344 50
1885-1886	177	723	1420	2143	273,175 50
1886-1887	201	727	1649	2376	322,846 15
1887-1888	212	745	1917	2662	350,136 50
1888-1889	227	742	2146	2888	369,044 40
1889-1890	237	712	2403	3115	415,999 50
1890-1891	240	724	2675	3399	514,417 00
1891-1892	252	739	2862	3601	539,562 00
1892-1893	253	727	3023	3750	555,850 50
1893-1894	251	712	3138	3850	531,030 50
1894-1895	249	704	3275	3979	521,204 50
1895-1896	232	689	3403	4092	500,443 00
1896-1897	236	685	3512	4198	529,226 00
1897-1898	231	594	3557	4151	540,710 00
1898-1899	223	582	3452	4034	538,025 00
1899-1900	213	554	3579	4132	546,672 00
1900-1901	212	614	3717	4333	620,723 00

TABLE NO. 6.

METERS.

NUMBER OF GALLONS OF WATER CONSUMED DURING THE FISCAL YEAR ENDING APRIL 5TH, 1901, AT THE DIFFERENT RATES PER HUNDRED GALLONS.

Where the quantity used during the year averages:	Rate per 100 gallons	Number of Gallons.	Amount.
Less than 1,000 gallons per day	3c.	220,388,000	$ 66,116 40
From 1,000 to 2,500 gallons per day	2½c.	146,493,000	36,623 25
" 2,500 " 5,000 " " "	2c.	145,005,000	29,001 00
" 5,000 " 10,000 " " "	1¾c.	180,904,000	31,658 20
" 10,000 " 25,000 " " "	1½c.	220,606,000	33,090 90
Over 25,000 gallons per day, also manufacturing purposes and livery stables, without regard to quantity used	1¼c.	3,016,886,000	377,048 25
For manufacturing purposes only, where plant is located in adjoining blocks, and the quantity used exceeds fifty million gallons per year	1c.	471,850,000	47,185 00
Total		4,401,632,000	$ 620,723 00

Average rate on total number of gallons as above, $0.0141 per hundred gallons.

TABLE NO. 7.

COMPARATIVE STATEMENT SHOWING RESPECTIVELY THE AMOUNT OF WATER AND THE REVENUE DERIVED FROM METERED AND UNMETERED WATER.

	Gallons.	Amount.	Average Rate per 100 Gallons.
Number of gallons of water consumed through meters, 1900-1901	4,401,632,000	$ 620,723 00	$ 0.0141
Number of gallons of water consumed not passing through meters, 1900-1901	18,592,037,000	986,445 82	0.0053
Total consumption, 1900-1901	22,993,669,000	$ 1,607,168 82	$ 0.0071

NOTE.— In the above table the amount of water not passing through meters naturally includes wastage, leakage, street sprinkling, water used by Fire Department and public buildings, etc., from which no revenue is derived.

TABLE NO. 8.

NUMBER AND SIZE OF TAPS FOR WHICH MONEY HAS BEEN RECEIVED.

DATE.	¼ in.	⅝ in.	¾ in.	1 in.	1¼ in.	1½ in.	2 in.	Total No. of Taps each month.	Amount collected each month.
1900 April 10-30	116	7	13	.....	.....	.....	.....	136	$417 50
May	82	14	11	.....	.....	.....	.....	107	330 25
June	109	10	.....	.....	.....	.....	.....	119	358 50
July	118	18	13	.....	.....	.....	.....	149	458 15
August	152	15	18	.....	.....	.....	.....	185	568 95
September	129	23	13	.....	.....	.....	.....	165	506 90
October	128	15	8	.....	.....	.....	.....	151	460 45
November	122	8	17	.....	.....	.....	.....	147	453 25
December	131	17	8	.....	.....	.....	.....	156	475 75
1901 January	157	15	12	.....	.....	.....	.....	184	562 05
February	67	10	7	.....	.....	.....	.....	84	258 05
March	210	30	14	.....	.....	.....	.....	254	775 60
April 1-8	36	7	4	.....	.....	.....	.....	47	144 65
	1557	189	138	.....	.....	.....	.....	1884	$5,770 05

TABLE NO. 9.

AMOUNT COLLECTED FOR WATER LICENSES, PLUMBERS' PERMITS AND MISCELLANEOUS ACCOUNTS, FROM APRIL 10TH, 1900, TO APRIL 8TH, 1901.

Date.	April, 1900.	May.	June.	July.	August.	September.	October.	November.	December.	January, 1901.	February	March.	April.	Total Collected on Same Day of Each Month.
1	.....	$ 4,424 25	$ 3,755 35	.....	$ 2,820 45	$ 3,173 95	$ 2,218 50	$ 2,164 80	$ 5,907 70	.....	$2,024 95	$ 1,570 00	$ 2,684 50	$ 31,044 45
2	.....	4,924 15	5,351 65	$ 2,531 65	7,107 65	.....	3,917 50	4,100 00	.....	$ 2,769 00	2,429 65	3,406 65	7,212 25	43,750 15
3	.....	5,374 15	.....	5,017 25	4,030 39	.....	3,436 10	6,155 50	3,683 15	3,944 00	.....	.....	4,340 15	35,980 69
4	.....	11,499 30	6,790 20	.....	3,551 15	5,582 45	.....	.....	6,946 10	4,812 50	2,981 00	2,898 15	5,691 20	50,752 05
5	.....	.....	6,921 65	4,446 65	.....	9,015 45	6,676 00	3,068 65	8,683 90	4,691 00	5,404 15	7,566 50	26,819 90	83,493 85
6	.....	.....	9,574 10	11,608 25	4,323 50	8,937 45	6,959 50	.....	15,490 60	.....	8,030 50	7,312 65	15,897 55	88,134 10
7	.....	15,914 20	13,306 44	6,156 80	7,903 15	9,313 30	.....	11,651 40	11,763 85	3,935 70	7,611 00	11,379 60	.....	98,935 44
8	.....	22,071 85	9,009 40	.....	5,821 65	3,656 00	9,408 20	11,313 25	7,261 75	11,890 55	4,382 30	9,262 40	52,024 80	146,102 15
9	.....	8,386 35	5,250 00	3,219 65	3,181 15	.....	16,486 20	17,049 25	.....	4,106 15	3,223 00	4,081 50	.....	64,992 25
10	$5,143 60	9,151 10	.....	13,124 15	3,806 65	3,681 50	5,903 85	19,618 00	7,962 10	3,017 10	.....	.....	.....	71,408 05
11	4,369 90	14,086 30	9,511 80	8,245 95	9,304 30	5,122 65	10,397 85	.....	7,538 20	9,566 65	8,997 00	9,556 80	.....	96,637 40
12	2,182 15	4,316 60	11,796 61	2,738 65	.....	8,788 30	25,903 15	4,944 75	14,013 95	2,281 65	3,546 50	6,065 65	.....	86,577 96
13	8,258 40	.....	3,554 95	2,219 80	2,160 15	5,851 65	5,626 75	15,207 30	3,864 10	.....	1,997 50	6,273 80	.....	55,009 40
14	2,816 95	2,551 15	6,607 50	2,887 30	6,790 60	3,958 50	.....	3,499 15	9,071 35	5,566 95	4,153 00	3,176 15	.....	51,078 60
15	.....	2,640 80	3,849 00	.....	2,036 50	3,668 00	8,969 10	5,329 60	3,284 65	4,882 00	3,042 15	3,442 80	.....	46,144 60
16	1,256 90	5,571 25	3,835 05	1,361 15	3,830 00	.....	4,241 40	5,953 35	.....	6,361 00	3,194 50	1,852 80	.....	37,457 40
17	7,665 40	5,865 30	.....	3,677 50	2,374 95	1,481 30	4,986 25	5,071 25	2,822 55	2,614 00	.....	.....	.....	38,558 50
18	3,497 00	4,692 30	6,461 75	1,987 95	3,965 50	2,512 65	9,869 05	.....	12,789 10	2,332 50	2,171 50	2,627 10	.....	52,906 40
19	3,076 75	10,231 75	5,573 10	3,315 15	.....	3,699 65	4,872 00	12,004 50	4,976 00	2,258 50	4,878 65	3,904 15	.....	58,790 20
20	3,338 20	.....	4,636 40	2,119 00	1,843 50	3,134 05	2,798 00	12,937 95	6,854 55	.....	2,884 50	5,497 80	.....	46,043 95
21	2,712 35	3,608 15	2,985 00	3,435 15	3,318 65	3,271 50	.....	3,236 25	8,922 10	1,481 50	2,350 95	2,588 65	.....	37,910 25
22	.....	5,377 60	3,099 60	.....	2,361 50	2,246 30	5,879 30	5,141 35	4,458 00	5,246 50	.....	1,884 30	.....	35,694 45
23	1,221 10	3,535 15	3,303 75	878 50	2,677 50	.....	10,778 15	2,745 50	.....	2,047 80	1,550 15	3,049 25	.....	31,781 85
24	3,869 70	4,414 40	.....	2,631 15	1,626 45	1,071 15	16,643 35	5,020 35	1,457 00	1,615 15	.....	.....	.....	38,348 70
25	2,386 00	1,939 80	1,998 15	1,890 80	1,734 15	2,726 65	3,803 10	.....	.....	1,611 65	555 00	1,350 50	.....	19,995 80
26	2,575 15	3,132 70	3,641 60	2,202 00	.....	2,541 30	6,486 85	972 15	3,929 00	1,245 00	2,445 30	1,987 80	.....	31,158 85
27	2,150 86	.....	5,210 75	2,247 65	1,858 65	2,897 15	2,304 80	2,008 15	2,090 25	.....	1,741 00	2,175 15	.....	24,684 41
28	1,388 40	1,623 95	2,158 15	1,508 65	1,922 00	2,431 00	.....	3,067 80	4,979 00	495 80	3,552 80	1,976 50	.....	25,104 05
29	.....	3,809 50	3,110 50	.....	2,274 50	4,512 50	1,664 50	.....	4,559 40	17,022 30	.....	3,190 95	.....	40,154 15
30	1,557 95	.....	4,340 65	987 00	1,967 87	.....	2,735 15	5,520 80	.....	1,783 15	.....	2,029 50	.....	20,922 07
31	.....	5,473 60	.....	2,564 45	2,846 60	.....	3,276 70	.....	1,848 65	3,606 65	.....	.....	.....	19,616 65
	$59,401 76	$164,615 65	$145,633 10	$93,002 20	$97,489 11	$103,274 40	$186,436 30	$167,791 05	$165,157 00	$111,194 75	$88,146 05	$110,407 10	$114,670 35	$1,607,168 82

TABLE NO. 10.

YEARLY REVENUE DERIVED FROM THE WATER WORKS FROM ITS FIRST INTRODUCTION INTO THE CITY.

DATE. FROM	DATE. TO	Annual Collections.	Increase.	Decrease.
Total receipts up to	May 14th, 1835	$23,453 51		
May 14, 1835	April, 1836	4,588 73		
April, 1836	" 1837	5,338 21	$ 749 48	
" 1837	" 1838	8,372 13	3,033 92	
" 1838	" 1839	12,694 11	4,321 98	
" 1839	" 1840	20,517 25	7,823 14	
" 1840	" 1841	20,672 16	154 91	
" 1841	" 1842	14,954 31		35,717 85
" 1842	" 1843	12,507 81		2,446 50
" 1843	" 1844	13,402 10	849 29	
" 1844	" 1845	14,518 69	1,116 59	
" 1845	" 1846	15,442 47	923 78	
" 1846	" 1847	17,858 70	2,416 23	
" 1847	" 1848	25,538 48	7,679 78	
" 1848	" 1849	21,967 92		3,570 56
" 1849	" 1850	19,560 00		2,407 92
" 1850	" 1851	30,943 78	11,383 78	
" 1851	" 1852	30,824 85		118 93
" 1852	" 1853	36,995 38	6,170 53	
" 1853	" 1854	49,865 04	12,869 66	
" 1854	" 1855	51,735 29	1,870 25	
" 1855	" 1856	70,380 47	18,645 18	
" 1856	" 1857	68,597 20		1,783 27
" 1857	" 1858	84,021 96	15,424 76	
" 1858	" 1859	87,352 20	3,330 24	
" 1859	" 1860	99,501 88	12,149 68	
" 1860	" 1861	114,760 35	15,258 47	
" 1861	" 1862	123,690 25	8,929 90	
" 1862	" 1863	147,120 95	23,430 70	
" 1863	" 1864	170,313 30	23,192 35	
" 1864	" 1865	208,340 90	38,027 60	
" 1865	" 1866	248,268 33	39,927 43	
" 1866	May 1, 1867	248,575 30	306 97	
May 1, 1867	" 1, 1868	288,910 07	40,334 77	
" 1, 1868	" 1, 1869	321,412 50	32,502 43	
" 1, 1869	" 1, 1870	323,102 00	1,689 50	
" 1, 1870	" 1, 1871	335,626 91	12,524 91	
" 1, 1871	" 1, 1872	373,194 60	37,567 69	
" 1, 1872	" 1, 1873	426,922 59	53,727 99	
" 1, 1873	" 1, 1874	444,622 35	17,699 76	
" 1, 1874	" 1, 1875	414,870 44		29,751 91
" 1, 1875	" 1, 1876	456,163 39	41,292 95	
" 1, 1876	April 9, 1877	445,041 14		11,122 25
April 10 1877	" 8, 1878	512,053 19	67,012 05	
" 9, 1878	" 7, 1879	550,140 60	38,087 41	
" 8, 1879	" 12, 1880	620,280 30	70,139 70	
" 13, 1880	" 11, 1881	660,024 75	39,744 45	
" 12, 1881	" 10, 1882	706,145 65	46,120 90	
" 11, 1882	" 9, 1883	719,686 37	13,540 72	
" 10, 1883	" 7, 1884	736,694 26	17,007 89	
" 8, 1884	" 13, 1885	759,265 53	22,571 27	
" 14, 1885	" 12, 1886	800,325 70	41,060 17	
" 13, 1886	" 11, 1887	868,043 25	67,717 55	
" 12, 1887	" 9, 1888	919,975 18	51,931 93	
" 10, 1888	" 8, 1889	952,689 25	32,714 07	
" 9, 1889	" 7, 1890	1,017,016 20	64,326 95	
" 8, 1890	" 13, 1891	1,132,088 40	115,072 20	
" 14, 1891	" 11, 1892	1,173,998 30	41,909 90	
" 12, 1892	" 10, 1893	1,235,933 30	61,935 00	
" 11, 1893	" 9, 1894	1,250,935 25	15,001 95	
" 10, 1894	" 8, 1895	1,264,253 60	13,318 35	
" 9, 1895	" 13, 1896	1,310,412 45	46,158 85	
" 14, 1896	" 12, 1897	1,335,635 20	25,222 75	
" 13, 1897	" 11, 1898	1,388,564 45	52,929 25	
" 12, 1898	" 10, 1899	1,379,361 40		9,203 05
" 11, 1899	" 9, 1900	1,482,053 80	102,692 40	
" 10, 1900	" 8, 1901	1,607,168 82	125,115 02	
Total Revenue of Water Works		$ 30,335,285 20		

TABLE NO. 11.

COLLECTIONS BY CALENDAR YEARS, BEGINNING JANUARY 1ST, 1876.

CALENDAR YEAR.	AMOUNT COLLECTED.	INCREASE.
1876	$472,227 59	
1877	499,012 02	$26,784 43
1878	522,018 26	23,006 24
1879	593,067 06	71,048 80
1880	653,167 14	60,100 08
1881	693,968 26	40,801 12
1882	716,072 37	22,104 11
1883	745,722 41	29,650 04
1884	755,345 00	9,622 19
1885	803,414 04	48,068 44
1886	850,415 70	47,001 66
1887	924,003 07	73,587 37
1888	936,130 55	12,127 48
1889	978,670 15	42,539 60
1890	1,081,193 60	102,523 45
1891	1,170,159 50	88,965 90
1892	1,233,477 35	63,317 85
1893	1,247,523 05	14,045 70
1894	1,266,395 65	18,872 55
1895	1,280,782 00	14,386 35
1896	1,346,721 85	65,939 85
1897	1,363,056 10	16,334 25
1898	1,404,165 45	41,109 35
1899	1,429,061 15	24,895 70
1900	1,591,062 42	162,001 27

TABLE NO. 12.

AMOUNT OF REVENUE COLLECTED EACH YEAR SINCE 1870, AND THE PER CENT OF COST OF COLLECTING THE SAME.

DATE. FROM	DATE. TO	COLLECTIONS.	EXPENSES.	PER CENT.
May 1, 1870	May 1, 1871	$ 335,626 91	$ 26,063 13	7.7
" 1, 1871	" 1, 1872	373,194 60	29,763 08	7.9
" 1, 1872	" 1, 1873	426,922 59	34,690 78	8.1
" 1, 1873	" 1, 1874	444,622 35	30,732 73	6.9
" 1, 1874	" 1, 1875	414,870 44	34,644 73	8.3
" 1, 1875	" 1, 1876	456,163 39	42,432 16	9.3
" 1, 1876	April 9, 1877	445,041 13	45,358 12	10.1
April 10, 1877	Oct. 6, 1877	263,000 98	23,659 92	9.0
Oct. 8, 1877	April 8, 1878	249,052 21	14,094 76	5.6
April 9, 1878	" 7, 1879	550,140 60	29,445 15	5.3
" 8, 1879	" 12, 1880	620,280 30	34,499 43	5.5
" 13, 1880	" 11, 1881	660,024 75	36,495 21	5.5
" 12, 1881	" 10, 1882	706,145 65	36,823 21	5.2
" 11, 1882	" 9, 1883	719,686 37	36,977 50	5.1
" 10, 1883	" 7, 1884	736,694 26	41,917 95	5.6
" 8, 1884	" 13, 1885	759,265 53	42,426 84	5.5
" 14, 1885	" 12, 1886	800,325 70	42,578 33	5.3
" 13, 1886	" 11, 1887	868,043 25	50,505 66	5.8
" 12, 1887	" 9, 1888	919,975 18	51,985 06	5.6
" 10, 1888	" 8, 1889	952,689 25	51,024 06	5.3
" 9, 1889	" 7, 1890	1,017,016 20	50,944 21	5.0
" 8, 1890	" 13, 1891	1,132,088 40	51,626 54	4.5
" 14, 1891	" 11, 1892	1,173,998 30	51,933 60	4.4
" 12, 1892	" 10, 1893	1,235 933 30	53,867 64	4.3
" 11, 1893	" 9, 1894	1,250,935 25	57,504 69	4.5
" 10, 1894	" 8, 1895	1,264,253 60	57,576 77	4.5
" 9, 1895	" 13, 1896	1,310,412 45	57,436 80	4.3
" 14, 1896	" 12, 1897	1,335,635 20	57,118 75	4.2
" 13, 1897	" 11, 1898	1,388,564 45	57,333 77	4.1
" 12, 1898	" 10, 1899	1,379,361 40	59,095 89	4.2
" 11, 1899	" 9, 1900	1,482,053 80	57,649 86	3.9
" 10, 1900	" 8, 1901	1,607,168 82	60,360 05	3.76

TABLE NO. 13.

Water is furnished free for the following public institutions, viz.:—

City Hall,	Poor House,	Fire Engine Houses,
Court House,	Female Hospital,	Police Stations,
Four Courts,	House of Refuge,	Markets,
City Hospital,	Work House,	Sanitary Department.
Insane Asylum,	Parks,	

Sub-offices of the Water, Street and Harbor Commissioner.
Drinking Fountains provided by the Humane Society and special ordinance.
Provident Association.

TABLE NO. 14.

AVERAGE DAILY CONSUMPTION OF WATER.

	Month.	Average daily consumption in gallons.
1900.	April	54,600,000
	May	60,300,000
	June	65,800,000
	July	71,400,000
	August	82,500,000
	September	73,900,000
	October	63,500,000
	November	57,600,000
	December	56,300,000
1901.	January	57,100,000
	February	57,500,000
	March	55,300,000
	Average daily consumption	62,996,000

ANNUAL REPORT

OF THE

COMMISSIONER OF SUPPLIES,

For the Fiscal Year ending April 8, 1901.

COMMISSIONER OF SUPPLIES, CITY HALL,
ST. LOUIS, April 19, 1901.

Hon. Rolla Wells, Mayor of the City of St. Louis:

DEAR SIR — In accordance with the requirements of section 47, article 4, of New Charter, I have the honor to submit herewith a tabulated report of the business of the office for the fiscal year ending the 8th instant.

By reference to Table No. 1 it will be seen that 7555 requisitions were received and filed, and purchases under 7084 of the above vouchers were made out and forwarded to the Auditor. Vouchers for the remainder could not be made out for the reason that the invoices have not yet reached this office, or that articles being intended for use during new fiscal year were not properly chargeable in this year's appropriations. The aggregate amount of purchases for fiscal year 1900–01 amounts to $645,403.19. Table No. 2 is an exhibit of the different items of condemned property transferred to this department for sale, the proceeds of which, amounting to $18,090.40 have been paid into City Treasury as per receipts on file in this office.

Respectfully submitted,

FRED C. MEIER,

Commissioner of Supplies.

TABLE NO. 1.— RECORD OF REQUISITIONS AND PURCHASES, 1900–1901.

Institutions and Departments.	No. of Requisitions Received During Fiscal Year.	No. of Requisitions for which Vouchers have been certified.	Total Amount of Purchases as per Vouchers certified to Auditor.
Armory	1	1	$166 86
Assessor of Revenue	21	20	1,023 98
Assessor and Collector of Water Rates	38	32	1,786 82
Auditor	12	12	179 60
Battery A	2	2	15 90
Board of Health	168	158	17,172 25
Board of Public Improvements	15	13	1,320 68
Boiler Inspector	8	5	53 25
City Chemist	177	171	2,637 00
" Counselor	9	9	305 35
" Dispensary	126	116	4,660 80
Circuit Courts	4	3	556 73
City Hall, new	92	90	5,805 15
" Hospital	664	616	70,720 32
Cleaning Levee, etc	1	1	7 50
Commissioner Public Buildings	37	33	169 48
" Supplies	16	15	3,645 63
Comptroller	32	31	295 27
Coroner	15	15	480 63
Council	26	23	339 14
Court Criminal Correction	17	16	474 65
Court House	53	51	1,829 79
Electric Light Department	35	34	883 00
Female Hospital	543	525	30,329 91
Fire Alarm Tel	52	52	1,422 80
Fire Department	158	153	67,207 09
Four Courts	41	38	3,685 89
Harbor and Wharf Commissioner	23	23	465 11
" Boat	49	49	3,558 46
House of Refuge	462	423	44,818 33
" " Bakery	90	84	8,997 66
House of Delegates	7	6	162 52
Insane Asylum	621	594	69,530 18
Inspector of Weights and Measures	6	6	44 05
Jail	369	352	17,296 70
Jury Commissioner	14	14	197 85
Justice Court No. 1	4	4	76 62
" " " 2	2	2	33 90
" " " 3	2	2	56 40
" " " 4	12	10	240 45
" " " 4, 2nd District	6	4	55 28
" " " 5	7	6	73 88
" " " 5, 2nd District	6	5	76 10
" " " 6	2	2	139 40
" " " 7	3	3	37 95
" " " 8	4	4	109 60
" " " 9	4	4	37 10
License Commissioner	7	7	73 44

Market, Soulard	2	2	$10 51
" Union	12	12	96 96
" South St. Louis	2	2	6 58
Marshall	8	8	262 40
Mayor	13	13	165 95
Morgue	33	28	1,780 94
Park Commissioner	15	14	487 00
" Benton	15	12	184 33
" Carondelet	30	27	658 13
" Carr Square	7	7	49 66
" Forest	139	127	6,332 04
" Fountain	3	3	28 34
" Gamble Place	13	12	332 05
" Gravois	8	4	29 88
" Hyde	7	6	48 47
" Jackson	4	3	21 07
" Kendrick Place	1	1	2 10
" Laclede	8	4	40 68
" Lyon	9	9	347 13
" O'Fallon	30	22	564 55
" St. Louis Place	9	7	88 20
" South St. Louis Square	4	3	24 55
" Washington	21	18	481 69
Plumbing Inspector	2	2	172 75
Police Court, 1st District	11	11	1,058 22
" " 2nd District	14	14	124 13
" " South St. Louis	2	2	36 73
Poor House	588	521	94,121 06
" " Bakery	114	104	19,891 78
" " Dairy	1	1	66 74
Quarantine and Smallpox Hospital	286	250	9,350 55
Recorder of Deeds	16	14	1,905 20
Register	9	9	573 15
Real Estate	6	5	22 20
Repair of Dykes and Wharf	4	4	50 79
Scales, Bridge	6	6	22 79
" City Market	6	5	16 17
" North Levee	2	1	2 74
" South Levee	7	6	13 60
" Thorpe	2	2	5 25
Scavenger Dps., Con. and Rep.	7	7	237 87
" " Sal. and Cur. Exp.	23	22	172 02
Sewer Commissioner	38	37	804 85
Street Commissioner	292	288	23,120 82
" Cleaning Flt. Dps	19	19	279 17
Treasurer	8	7	77 65
Water Commissioner	1,175	1,118	73,190 81
Work House	476	451	44,336 99
Total Fiscal Year 1900–1901	7,555	7,084	$645,403 19

TABLE NO. 2. — CONDEMNED PROPERTY, 1900-1901.

Auditor	Lamps, etc	$2 00
Assessor and Col. Water Rates	Wagons, etc	12 75
Board of Election Com	Cases and Desk	45 00
Board of Health	Demijohns, etc	98 82
Boiler Inspector	Horse, etc	8 00
Com. Public Buildings	Horse, etc	3 00
City Hospital	Bed, etc	12 20
" Dispensary	Horses	102 55
" Hall, new	Stove	1 00
Fire Alarm Tel	Copper and Iron	322 31
Fire Department	Horses, etc	855 75
Female Hospital	Scale, wagon, etc	40 41
House of Refuge	Engine, etc	54 25
" " Bky	Barrels	255 19
Insane Asylum	Iron and bbls	88 60
Jail	Range	2 50
Milk Inspector	Desk	3 50
Morgue	Unc. clothes, etc	55 00
Poor House	Cows, etc	494 08
" " Bakery	Barrels	396 00
Park Commissioner	Mules	22 00
Police Court, 2d Dist	Desk	2 00
Sewer Commissioner	Brick	54 75
Street "	Iron beams	1,375 07
Water "	Cinders, iron, etc	13,665 07
Work House	Mules, etc	118 60
Total property sold, fiscal year 1900-1		$18,090 40

City of St. Louis

Health Department

TWENTY-FOURTH

ANNUAL REPORT

—OF THE—

HEALTH COMMISSIONER

—FOR THE YEAR ENDING—

MARCH 31ST, 1901.

(XXXIIIrd Annual Report of the Department.)

MAX C. STARKLOFF, M. D.,
HEALTH COMMISSIONER.

BY THE DEPARTMENT.

PRESS OF
NIXON-JONES PRINTING CO.,
1901.

BOARD OF HEALTH.

HON. HENRY ZIEGENHEIN,
Mayor and ex-officio President.

HON. E. F. W. MEIER,
President of the City Council.

MAX C. STARKLOFF, M. D.,
Health Commissioner and Presiding Officer.

HON. ANTON C. STUEVER,
Member Board of Police Commissioners.

ALBERT MERRELL, M. D.,

HENRY N. CHAPMAN, M. D.,

MAX KAUFMAN, *Clerk.*

STANDING COMMITTEES.

On City Hospital and Female Hospital:

Dr. Merrell and Mr. Meier.

On Asylum, Poor House and Sanitary Office:

Mr. Meier and Dr. Chapman.

On Legislation and Rules:

Mr. Meier and Dr. Chapman.

City Chemist's Office:

Mr. Stuever and Dr. Merrell.

On Dispensary, Quarantine and Health Commissioner's Office:

Mr. Stuever and Dr. Merrell.

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LETTER SUBMITTING REPORT.

ST. LOUIS, August 9, 1901.

SIR: In accordance with the provisions of Article 4, Section 47, of the City Charter, which makes it the duty of the heads of Departments to report annually to the Mayor, I have the honor to submit herewith my annual report for the fiscal year ending March 31, 1901.

Accompanying same you will find annual statements from the superintendents and heads of the various institutions and divisions of the Department, which contain interesting information relative to the work accomplished by them during the year.

Very respectfully,
MAX. C. STARKLOFF,
Health Commissioner.

TO THE HON. ROLLA WELLS,
Mayor City of St. Louis.

HISTORY OF THE HEALTH DEPARTMENT FROM 1832 TO 1900 INCLUSIVE.

1832-33-34-35-36-37 .....Cornelius Campbell, *Health Officer*.
1838-39.....C. J. Carpenter, "
1840-41.....J. N. McDowell, "
1842.....John W. Prather, "
1843.....John S. Moore, "
1844.....J. N. McDowell and M. M. Pallen, "
1845.....John S. Moore, "
1846.....M. M. Pallen and Josephus W. Hall, "

There are no records in this Department showing who were the officials of the Health Department between the years of 1846 and 1855.

1855.

G. W. Gottschalk, Erastus Wells,
John Sexton, G. Kyler,
J. F. Weston, Mr. Reilly.

S. W. ADREON, *Health Officer*.

1856.

DR. SHORE, *President*.

H. C. Lynch, P. Degan,
C. C. Campbell, C. D. Coleman,
C. C. Simmons, C. W. Horn,
John Horn, C. R. Anderson.
Chas. Tillson,

DR. O. C. JOHNSON, *Clerk*.
S. W. ADREON, *Health Officer*.

1857.

C. C. SIMMONS, *President*.

H. C. Lynch, D. Powers,
A. Valle, C. D. Coleman,
Chas. Tillson, C. Horn,
J. Shore, James Doyle.

O. C. JOHNSON, *Clerk*.
DR. E. F. SMITH, *Health Officer*.

1858.

S. W. ADREON, *President*.

L. Babcock, T. G. Daily,
F. W. Gronebold, J. G. Vogel,
R. M. Renick. C. Horn,
P. Valle, James Doyle.
C. W. Tillson,

G. KYLER, *Clerk*.
DR. E. F. SMITH, *Health Officer*.

1859.

S. W. ADREON, *President*.

F. W. Gronebold, C. H. Tillson,
James Doyle, J. C. Vogel.

G. W. KYLER, *Clerk*.
DR. E. F. SMITH, *Health Officer*.

1860.

S. W. ADREON, *President.*

J. Sexton, J. W. Crane,
G. Kyler, J. C. Vogel.

G. KYLER, *Clerk.*
DR. E. F. SMITH, *Health Officer.*

1861.

DR. JOHN W. CRANE, *President.*

C. W. Gronebold, G. W. Dryer,
J. B. Burnett, T. Speer.

G. KYLER, *Clerk.*
DR. E. F. SMITH, *Health Officer.*

1862.

DR. SOLON STARK, *President.*

C. W. Gronebold, J. B. Burnett,
T. Neiderwieser, Thos. Dayly.

G. KYLER, *Clerk.*
DR. E. F. SMITH, *Health Officer.*

1863.

G. W. GOTTSCHALK, *President.*

T. Neiderwieser, C. Horn,
J. Cheever, B. Charles.

G. KYLER, *Clerk.*
DR. E. F. SMITH, *Health Officer.*

1864.

CHAS. W. HORN, *President.*

H. C. Gemp, J. Cairns,
H. Schepman, J. Cheever.
Chas. Schoenbeck,

DR. A. MONTGOMERY, *Clerk.*
DR. HAUESSLER, *Health Officer.*

1865.

CHAS. W. HORN, *President.*

T. Neiderwieser, Berry H. Gemp,
J. Cheever, Borg.

ALEX. MONTGOMERY, *Clerk.*
JOS. SPIEGELHALTER, *Health Officer.*

1866.

JOHN FINN, *President.*

J. P. Krieger, H. H. Belt,
C. Stiefel, R. S. King.

DR. JAS. E. FOLSOM, *Clerk.*
JOS. SPIEGELHALTER, *Health Officer.*

1867.

DR. JOHN F. HODGEN, *President.*

Dr. E. F. Smith, Constantine Maguire,
Dr. Jos. Heitzig, Jos. S. Peace.

DR. R. H. O'BRIEN, *Clerk.*
W. W. GRISSOM, *Health Officer.*

1868.

Ellsworth F. Smith, M. D., John T. Hogan, M. D.,
Joseph Heitzig, M. D., John F. Thornton.
DR. R. H. O'BRIEN, *Clerk.*
DR. P. V. SCHENCK, *Health Officer.*

1869.

HON. NATHAN COLE, *Mayor.*
John T. Hodgen, M. D., Jos. Heitzig, M. D.,
Ellsworth F. Smith, M. D., John F. Thornton.
DR. R. H. O'BRIEN, *Clerk.*
WM. L. BARRETT, M. D., *Health Officer.*

1870.

HON. NATHAN COLE, *Mayor and Ex-Officio President.*
Frank G. Porter, M. D., Hon. David Powers,
Wm. S. Parker, M. D., Mr. Julius Hunicke.
R. H. O'BRIEN, M. D., *Clerk.*
WM. L. BARRETT, M. D., *Health Officer.*

1871.

HON. JOSEPH BROWN, *Mayor and President Ex-Officio.*
Wm. S. Parker, M. D., Julius Hunicke,
F. V. L. Brokaw, M. D., Hon. Wm. Gurrie.
RICHARD O'BRIEN, M. D., *Clerk.*
DR. WM. L. BARRETT, *Health Officer.*

1872.

HON. JOSEPH BROWN, *Mayor and President Ex-Officio.*
Hon. Elon G. Smith, Davie H. Armstrong,
Dr. E. H. Gregory, Dr. A. P. Lankford.
DR. R. H. O'BRIEN, *Clerk.*
DR. G. F. DUDLEY, *Health Officer.*

1873.

HON. JOSEPH BROWN, *Mayor and President Ex-Officio.*
Dr. E. H. Gregory, Hon. Michael Madden,
Dr. A. P. Lankford, D. H. Armstrong.
DR. R. H. O'BRIEN, *Clerk.*
DR. G. F. DUDLEY, *Health Officer.*

1874.

HON. JAMES H. BRITTON, *Mayor and President Ex-Officio.*
L. T. Pim, M. D., John G. Priest,
Y. H. Bond, M. D, Hon. Michael Madden.
DR. R. H. O'BRIEN, *Clerk.*
DR. WM. L. BARRETT, *Health Officer.*

1875.

HON. H. OVERSTOLZ, *Mayor and President Ex-Officio.*
Wm. H. McPheeters, M. D., John G. Priest,
Jos. Spiegelhalter, M. D., Chas. W. Francis.
DR. JAMES O'GALLAGHER, *Clerk.*
DR. WM. L. BARRETT, *Health Officer.*

1876.

HON. H. OVERSTOLZ, *Mayor and President, Ex-Officio.*

Wm. McPheeters, M. D., John G. Priest,
Jos. Spiegelhalter, M. D., Chas. W. Francis.

DR. JAMES O'GALLAGHER, *Clerk.*

DR. WM. L. BARRETT, *Health Officer.*

1877.

HON. H. OVERSTOLZ, *Mayor and Presiding Officer.*

CHAS. W. FRANCIS, *Health Commissioner.*

Henry Marthens, M. D., Dr. J. Spiegelhalter,
John G. Priest, John H. Lightner.

DR. EDWARD W. JAMISON, *Clerk.*

DR. GEO. HOMAN, *Chief Sanitary Officer.*

1878.

HON. H. OVERSTOLZ, *Mayor and Presiding Officer.*

CHARLES W. FRANCIS, *Health Commissioner.*

Henry Marthens, M. D., John G. Priest,
Jos. Spiegelhalter, M. D., John H. Lightner.

DR. EDWARD W. JAMISON, *Clerk.*

DR. GEO. HOMAN, *Chief Sanitary Officer.*

1879.

HON. H. OVERSTOLZ, *Mayor and Presiding Officer.*

CHARLES W. FRANCIS, *Health Commissioner.*

Jos. Spiegelhalter, M. D., John H. Lightner,
W. B. Conery, M. D., Leslie A. Moffett.

DR. ROBERT LUEDEKING, *Clerk.*

DR. GEO. HOMAN, *Chief Sanitary Officer.*

1880.

HON. H. OVERSTOLZ, *Mayor and Presiding Officer.*

CHARLES W. FRANCIS, *Health Commissioner.*

Jos. Spiegelhalter, M. D., John H. Lightner,
W. B. Conery, M. D., D. H. Armstrong.

DR. ROBERT LUEDEKING, *Clerk.*

DR. GEO. HOMAN, *Chief Sanitary Officer.*

1881.

HON. WM. L. EWING, *Mayor and Presiding Officer.*

CHARLES W. FRANCIS, *Health Commissioner.*

Jos. Spiegelhalter, M. D., Geo. W. Parker,
W. B. Conery, M. D., Sam'l Cupples, part of year.

DR. ROBERT LUEDEKING, *Clerk.*

HENRY REMNITZ, *Chief Sanitary Officer.*

1882.

HON. WM. L. EWING, *Mayor and Presiding Officer.*

CHAS. W. FRANCIS, *Health Commissioner.*

Geo. W. Parker, Jos. Spiegelhalter, M. D
W. B. Conery, M. D., D. W. Caruth.

DR. ROBERT LUEDEKING, *Clerk.*

HENRY REMNITZ, *Chief Sanitary Officer.*

1883.

HON. WM. L. EWING, *Mayor and Presiding Officer.*
JNO. J. FITZWILLIAMS, *Health Commissioner* (6 months).
JOHN D. STEVENSON, *Health Commissioner* (6 months).
Jos. Spiegelhalter, M. D., Geo. W. Parker,
W. B. Conery, M. D., D. W. Caruth.
ROBERT LUEDEKING, M. D., *Clerk.*
DR. WILLIS HALL, *Chief Sanitary Officer.*

1884.

HON. WM. L. EWING, *Mayor and Presiding Officer.*
JOHN D. STEVENSON, *Health Commissioner.*
Joseph Spiegelhalter, M. D., Geo. W. Parker,
E. M. Nelson, M. D., Jas. L. Blair.
GIB. W. CARSON, M. D., *Clerk.*
CHARLES W. FRANCIS, *Chief Sanitary Officer.*

1885.

HON. D. R. FRANCIS, *Mayor and Presiding Officer.*
JNO. D. STEVENSON, *Health Commissioner.*
Jos. Spiegelhalter, M. D., Geo. W. Allen,
E. M. Nelson, M. D., Jas. L. Blair.
GIB. W. CARSON, M. D., *Clerk.*
CHARLES W. FRANCIS, *Chief Sanitary Officer.*

1886.

HON. D. R. FRANCIS, *Mayor and Presiding Officer.*
JNO. D. STEVENSON, *Health Commissioner.*
Jos. Spiegelhalter, M. D., Geo. W. Allen,
E. M. Nelson, M. D., Jas. L. Blair.
GIB. W. CARSON, M. D., *Clerk.*
CHARLES W. FRANCIS, *Chief Sanitary Officer.*

1887.

HON. D. R. FRANCIS, *Mayor and Presiding Officer.*
GEO. F. DUDLEY, *Health Commissioner.*
R. C. Atkinson, M. D., Geo. W. Allen,
J. R. Lemen, M. D., E. Wilkerson.
F. W. LOWERY, M. D., *Clerk.*
CHARLES W. FRANCIS, *Chief Sanitary Officer.*

1888.

HON. D. R. FRANCIS, *Mayor and Presiding Officer.*
GEO. F. DUDLEY, *Health Commissioner.*
R. C. Atkinson, M. D., Geo. W. Allen,
J. R. Lemen, M. D., Chas. H. Turner.
F. W. LOWERY, M. D., *Clerk.*
CHARLES W. FRANCIS, *Chief Sanitary Officer.*

1889.

HON. GEO. W. ALLEN, *Acting Mayor part of the year.*
HON. EDWARD A. NOONAN, *Mayor and Presiding Officer.*
GEO. F. DUDLEY, *Health Commissioner.*
R. C. Atkinson, M. D., C. P. Walbridge,
J. R. Lemen, M. D., Chas. H. Turner.
W. L. BLICKHAHN, M. D., *Clerk.*
CHARLES W. FRANCIS, *Chief Sanitary Officer.*

1890.

HON. EDWARD A. NOONAN, *Mayor and Presiding Officer.*
GEO. F. DUDLEY, *Health Commissioner.*
R. C. Atkinson, M. D., C. P. Walbridge,
J. R. Lemen, M. D., Chas. H. Turner.
DR. SEWARD FINNEY, *Clerk.*
CHARLES W. FRANCIS, *Chief Sanitary Officer.*

1891.

HON. EDWARD A. NOONAN, *Mayor and Presiding Officer.*
GEO. F. DUDLEY, *Health Commissioner.*
A. C. Robinson, M. D., C. P. Walbridge,
Otto Forster, M. D., D. W. Caruth.
SEWARD A. FINNEY, M. D., *Clerk.*
CHARLES W. FRANCIS, *Chief Sanitary Officer.*

1892.

HON. EDWARD A. NOONAN, *Mayor and Presiding Officer.*
WM. N. BRENNAN, *Health Commisioner.*
A. C. Robinson, M. D., C. P. Walbridge,
Otto Forster, M. D., D. W. Caruth.
SEWARD A. FINNEY, M. D., *Clerk.*
CHARLES W. FRANCIS, *Chief Sanitary Officer.*

1893.

HON. C. P. WALBRIDGE, *Mayor and Presiding Officer.*
GEO. HOMAN, M. D., *Health Commissioner.*
A. C. Robinson, M. D., Chas. Nagel,
Otto Forster, M. D., D. W. Caruth.
CORNELIUS MOLONEY, *Clerk* (one month).
MORRIS JACKS, *Clerk.*
CHARLES W. FRANCIS, *Chief Sanitary Officer.*

1894.

HON. C. P. WALBRIDGE, *Mayor and Presiding Officer.*
GEO. HOMAN, M. D., *Health Commissioner.*
A. C. Robinson, M. D., Chas. Nagel,
Otto Forster, M. D., D. W. Caruth.
MORRIS JACKS, *Clerk.*
CHARLES W. FRANCIS, *Chief Sanitary Officer.*

1895.

HON. C. P. WALBRIDGE, *Mayor and Presiding Officer.*
DR. MAX C. STARKLOFF, *Health Commissioner.*
C. H. Hughes, M. D., Chas. Nagel,
Albert Merrell, M. D., Jerre Fruin, part of
Jas. Bannerman, year.
TOBIAS MITCHELL, *Clerk.*
CHARLES W. FRANCIS, *Chief Sanitary Officer.*

1896.

HON. C. P. WALBRIDGE, *Mayor and Presiding Officer.*
DR. MAX C. STARKLOFF, *Health Commissioner.*
C. H. Hughes, M. D., Chas. Nagel,
Albert Merrell, M. D., Jas. Bannerman.
DR. J. H. BRUERE, *Clerk.*
CHARLES W. FRANCIS, *Chief Sanitary Officer.*

1897.

HON. HENRY ZIEGENHEIN, *Mayor and Presiding Officer.*
DR. MAX C. STARKLOFF, *Health Commissioner.*
C. H. Hughes, M. D., Anton C. Stuever,
Albert Merrell, M. D., E. F. W. Meier.
MAX KAUFMAN, *Clerk.*
CHARLES W. FRANCIS, *Chief Sanitary Officer.*

1898.

HON. HENRY ZIEGENHEIN, *Mayor and Presiding Officer.*
DR. MAX C. STARKLOFF, *Health Commissioner.*
C. H. Hughes, M. D., Anton C. Stuever,
Albert Merrell, M. D., E. F. W. Meier.
MAX KAUFMAN, *Clerk.*
CHARLES W. FRANCIS, *Chief Sanitary Officer.*

1899.

HON. HENRY ZIEGENHEIN, *Mayor and Presiding Officer,*
DR. MAX C. STARKLOFF, *Health Commissioner.*
H. N. Chapman, M. D., Anton C. Stuever,
Albert Merrell, M. D., E. F. W. Meier.
MAX KAUFMAN, *Clerk.*
CHARLES W. FRANCIS, *Chief Sanitary Officer.*

1900.

HON. HENRY ZIEGENHEIN, *Mayor and Presiding Officer.*
DR. MAX C. STARKLOFF, *Health Commissioner.*
H. N. Chapman, M. D., Anton C. Stuever,
Albert Merrell, M. D., E. F. W. Meier.
MAX KAUFMAN, *Clerk.*
CHARLES W. FRANCIS, *Assistant Health Commissioner.*

REPORT.

The year just closed shows a very favorable mortality. The total number of deaths was 9847 or 175 less than the previous year. The rate per thousand is 17.11 based on census population of 575,200. This is higher than in 1899, for the reason that the rate for the year was figured on an estimated population of 647,000 which was considered very conservative. Of the total number of deaths 8638 were white and 1109 colored. The death rate per thousand among the whites was 16.04 and 29.97 for the colored, estimating the latter population at 37,000.

The statistical tables in Part Two of this report give in detail much information of value regarding the mortality experience of the City for the year, together with comparative figures for previous years.

Deaths from zymotic affections, under which heading are embraced smallpox, measles, scarlatina, diphtheria, croup, etc., increased only slightly over the previous year.

There were 1855 deaths from constitutional troubles, or 69 less than in 1899. Consumption is included under this head, the deaths numbering 1006, or 10.21 per cent of the total deaths for the year. The number of deaths from this disease is very large throughout the country. Every large city in the United States, and in fact the World, is taking steps to reduce as far as possible the death rate by adopting some measure to prevent its spread. I prepared and had introduced into the Municipal Assembly a bill providing that consumption be classed among the infectious and contagious diseases and making it the duty of physicians to report all cases under their care to the Health Department. This bill did not contemplate the placarding of houses where consumptives resided, but was simply intended as a means whereby the Department could obtain information of value as a basis for future statistics. The last Assembly did not act on this measure, which is of vital importance to the community.

The condemnation and abatement of a large number of nuisances through vigorous prosecution by the Department, the placarding of houses where contagious diseases existed and their prompt fumigation by the latest improved methods, materially assisted in protecting the public against disease.

Antitoxin was furnished free to physicians upon application. Thousands of typhoid fever slides and sputum samples were examined by the Bacteriological Division, as well as culture tubes for the diagnosis of diphtheria. This work has been of great assistance to physicians in the early diagnosis of diphtheria, typhoid fever and consumption.

It is my intention to introduce into the present Municipal Assembly several health measures, which I feel will receive careful and intelligent consideration by the members of that body. Their passage will have a tendency to greatly improve the sanitary condition of the city.

SANITARY LAW.

The aim of Sanitary Law is the greatest good to the greatest number. It is, therefore, beneficent. Its object is to conserve the health of the community by watching over the health of the individual. "If" — says a prominent author — "the personal agency in the prevention of disease could be made perfect all else

would sink into a mere nominal position, or would at least consist of mere formal administration; but, unfortunately, perfection in the performance of duty is an utopian dream, which in the face of the selfishness, preferment and personal liberty of the individual is practically unattainable." Hence, the necessity for a community framing and enacting measures that should insure the safety of every person in it, and itself as a whole, and yet protect the community from the individual and the individuals from each other.

The enforcement of measures against internal and external harmful agencies necessitates a central administrative bureau. This duty devolves upon the Health Department.

Duties and Responsibilities of the Health Authorities.

The duties and responsibilities of the Health Authorities are broad and comprehensive. The welfare of the community is in their charge; practically everything which is detrimental to health or dangerous to life, as well as those things which improperly or unnecessarily interfere with the comfort and enjoyment of life, comes within their jurisdiction.

The aim of Sanitary Science is to insure to every individual of a community a pure and abundant supply of air, sunlight, water and wholesome food, and to prevent and restrict infectious diseases.

In order that every one shall enjoy an abundance of pure air, certain conditions must obtain. They are, the prevention of overcrowding of people by regulating the amount of cubic space allotted to each person in common lodging houses, work-shops, factories, mercantile establishments, etc., personal cleanliness of habitations, streets and alleys, good sewerage, efficient plumbing and protection against noxious vapors arising from offensive surroundings, gas houses, slaughter houses, decomposing animal and vegetable matter; and the restriction, as far as possible, of suspended particles, such as smoke in the atmosphere. Sunlight, nature's greatest disinfector, should be denied no one, no matter how humble. This entails the prevention of the construction of back-to-back houses, the regulation of the height of houses to the width of streets, and the provision in the heart of the city of parks as open breathing and sunny places for the poor. An abundance of good and wholesome water is an essential requisite, for there can be no cleanliness without it; it should not only please the eye with its color and sparkle and satisfy the palate with its taste, but it should come unpolluted and fresh to the user.

The water supply of our city is now abundant, but it fails in all other conditions. I quote here from the opinion expressed in my annual report for the year 1896–97: "We know that the Mississippi river water at this point is sewage polluted. The common-sense fact that a number of cities above us discharge their raw sewage into the Mississippi river or its tributaries, and that soon all the filthy sewage of Chicago will probably be sent to us by the Chicago Drainage Canal, through the Illinois river, is evidence enough of its contamination. I am fully aware that a systematic and thorough chemical and biological study of the Mississippi river water has never been made, and that the difficulties surrounding the filtration of a muddy water are manifold; still, the problem is not beyond solution by highly trained experts, chemists, biologists and engineers. With all the convincing evidence before us of the efficiency of filtration as a barrier to the dissemination of disease-producing germs, I earnestly recommend that every effort be made to bring about as rapidly as possible the purification of our water supply by submitting it to careful filtration."

Food Supply.

Food supply should come to us free from adulteration and not be derived from infected sources; this means not only a careful inspection of general foods, — meat, fish and fruit, by highly trained inspectors, but that the purity and quality of various drinks must be inquired into before being used by the public.

Infectious Diseases.

The cursory inspection of the vital statistics of any community shows that it is not the inherited weakness of the body or self-engendered disease that are the cause of the greatest number of deaths, but infectious and contagious diseases. Strike but these from off the list, and our little stretch of eternity would be materially lengthened. The noblest work of this era is that which pertains to the prevention of disease, and the wisdom and knowledge of the greatest minds are being taxed to consummate this humane subject.

Studies carried on during the last twenty years have shown that this whole and formidable class of disease is caused by micro-organism, which enters the body from without, and each, after his kind, poisons or kills. The list is a long one with consumption far in the lead, and in its train follows pneumonia, diphtheria, scarlet fever, cholera, typhoid fever, smallpox, measles, malaria, and a host of others.

In regard to the prevention and restriction of infectious diseases, personal and general cleanliness is to be regarded as the most important safeguard against all forms of infection; yet this and the most ingeniously devised system of food inspection, plumbing, drainage, street and alley cleaning cannot avail to protect the individual against the direct transmission of contagion. Here the early recognition and prompt notification of cases of contagious and infectious diseases is of paramount importance.

In the attitude of the Board of Health toward the medical profession of this city, the broad position has been taken that it is the duty of the Health Department, in order to conserve the welfare of the community, to furnish all such specific and general information and assistance in relation to infectious diseases as is fully abreast with the most recent observation in scientific medicine, and to that end I have issued and sent to physicians from time to time, and always at the earliest possible moment, circulars and special notices containing knowledge of the most recent discoveries in relation to infectious diseases and their restriction, prevention and cure.

Further, a bacteriological laboratory, with a most competent Consulting Bacteriologist, has been established, with the object of affording members of the profession, without charge, such expert assistance and special information as may be useful to them in clinical work, which they could not otherwise obtain without much trouble and considerable expense. That the physicians of this city appreciate the opportunities afforded by this laboratory, and that there is an ever-increasing demand for its aid in diagnosis is shown in the admirable report of the Consulting Bacteriologist, Dr. Amand Ravold, whose unflagging zeal and untiring energy has made this Department a pride to the Board of Health.

Relations of the Sanitary Authorities to the Medical Profession.

In considering the relations of the Sanitary Authorities to the Medical Profession, the fact must be kept in mind that the point of view of the profession

and of the Health Department are not widely divergent. Physicians often think that radical measures are adopted by the Board of Health after too little consideration, and without full knowledge of the facts bearing upon the situation, overlooking the fact that from the very nature of the conditions the Board of Health always has a fuller knowledge than the individual can possibly possess.

The interest of the community as guarded by Sanitary Authorities, and of the individual practitioner of medicine are apparently divergent, but the real interests of the practitioner, who is at the same time a citizen, are quite in line with those of the community, and it cannot be for one moment assumed that the conscientious, intelligent and broad-minded physician will view the situation from any other point than that of the community as a whole. The conscientious physician believes, and acts upon the belief, that it is his duty to prevent disease whenever and wherever he can without giving a thought as to whether doing so or not will be of pecuniary benefit to him, and he must be informed as to the best methods and means of doing so. It is true that the health interests of the community are his interests, for if the community suffer from disease so will his family, but without reference to his obligation as husband or father, it is his bounded duty, as an educated medical man, to consider and advise upon sanitary problems, for those who have not the expert knowledge. It is the most direct way of serving God and his fellowmen. Whether the Board of Health and the practitioner arrive at the same conclusions as to the best methods to be pursued, is a matter of opinion. The essential point is that there should be a harmony of purpose and a united effort.

Control of Infectious Diseases.

In so far as the public health is concerned, the most important requirements in relation to the control of infectious diseases are, isolation and disinfection; and in cases of Smallpox and Diphtheria — vaccination and immunization.

Vaccination should be insisted upon, better in advance than at the time of an outbreak, and thus prevent an outbreak.

While the greater number of the medical profession can be relied upon for faithful report of infectious diseases, and intelligently co-operate with the Department in the discharge of its duties, there are a number who uniformly not only fail to comprehend the position adopted by the Board in relation to these diseases, but openly criticise the Department for indiscretion and want of judgment. The greatest cause for a misunderstanding and complaint arises from the fact that only in rare exceptions can physicians be induced to read carefully the instructions and circulars issued by the Department in regard to this work and the methods pursued.

In regard to disinfection as now practiced by the Sanitary Department, I take this opportunity of commending the very satisfactory and highly scientific character of the disinfection work of the Assistant Health Commissioner, Mr. Chas. W. Francis, who has been untiring in his efforts to bring this Department fully abreast with the latest advances in sanitary science, and although greatly hampered for lack of funds and trained help, he has kept apace with the demands for disinfection following the report of contagious diseases.

In conjunction with the bacteriological division, he has carried out a number of tests with various disinfectants for the purpose of ascertaining the very best gaseous disinfectant, and the best method of applying it; as a result of this work, the method now adopted by him, though painstaking and time-consuming, is so thorough and efficient as to always result in the positive destruction of all disease-producing germs.

Hospitals for Infectious Diseases.

In regard to isolation, it is not always possible to isolate cases of communicable diseases in the private home, and I may say, without fear of contradiction, never possible in a lodging house, apartment house or hotel; for this reason it becomes obligatory on the part of the authorities to provide hospitals for the treatment of the sick, when under the circumstances it is advisable and justifiable to remove them from their homes for isolation and treatment.

No community should be without the means of providing for the care and treatment of cases of contagious and infectious diseases, for it constantly happens that for want of such facilities, disease is propagated from one person to another, and from one family to another; thus giving rise to epidemics which might have been easily prevented by a little foresight.

When the government interferes and compels removal from the private home it assumes the obligation of guarding carefully the patient's health and providing every reasonable accommodation for his comfort and care; if this is done, the opposition to removal in most cases will cease to exist. I quote here from Dr. Hill, Medical Officer of Birmingham, who says: "The prejudice against hospital treatment for infectious diseases, which was general, has mostly disappeared, and the public now appreciates the advantages to health and life of an Institution which enables patients to be removed from unhealthy rooms and other unfavorable conditions, to a properly equipped hospital, where better air, suitable food, superior medical treatment, careful nursing and all other appliances are at hand, which a hospital affords, but which are wanting in the homes of the poor; and, further, the social and professional objection to the act controlling the notification of infectious diseases has been proven to have no foundation whatever. The distrust and friction between the medical practitioner and health officer, which were predicted, have not appeared, and the concealment of diseases which was to have followed has not occurred. The sacred confidence between the patient and doctor, which was to have been destroyed with the most disastrous results, remains inviolate, and so every theoretic objection which timidity, selfishness or ignorance could find or invent has been refuted by practical experience."

With the exception of a Quarantine Hospital, which is situated on the river some twelve miles below the city and always difficult of access, there is not a hospital in the city, public or private, to which a case of infectious disease can properly be sent. There is a retention ward at the City Hospital, but it is a most unattractive and uncomfortable place; in fact, infectious diseases (and in this I class consumption) should not be taken to the City Hospital as it is impossible to treat different infectious and contagious diseases under the same roof without the risk of intercommunication of disease, and hence the necessity of providing separate buildings for each disease.

It seems unaccountable, but nevertheless it is true, that the State and Benevolent Societies construct and maintain commodious hospitals for the maimed, the blind, the demented and every ailment of humanity, but for infectious diseases, which impose such severe restriction upon the sick and the family and which threaten the household and the community, no provision whatever is made. In years gone by it was a common thing to treat in general hospitals such diseases as scarlet fever, diptheria, typhus fever, consumption, and even cholera and yellow fever, but this practice for the very best reasons has been entirely changed. In this city it is rarely the case that, aside from small-pox, more than four diseases of this class under consideration are treated in the

hospitals at the same time; so that four buildings, not large, centrally located and easy of access, and built on a pavilion plan, would be all that is required for ordinary demands.

There is a class of patients in hotels and apartment houses who have the competency that insures the comforts of life and are accustomed to privacy and refinements of home, who should not be subjected to the unnecessary hardships of being taken from home and placed in a common hospital ward, and inasmuch as there is not in the city a private hospital for contagious diseases to which such patients could be sent, there should be provided a few private rooms comfortably fitted up for those who are capable and willing to pay for such accommodation.

In connection with what has been previously said, it may be remarked that both plans, the one providing liberally special municipal hospitals, more particularly for the indigent sick, the other providing private hospitals fitted up with comfortable rooms for pay patients, should be adapted and carried into effect without further delay. It is no longer a question for discussion, but rather one for prompt action; it is in the line of true progress. Money should be liberally appropriated by the city for adequately caring for all classes of people suffering from contagious diseases, and the private hospitals, which is a very pressing need, should receive the liberal support of benevolent citizens.

Money legitimately spent for the preservation of the public health is the best investment a community can make. Epidemics are not only disastrous to life and attended with unmeasurable suffering, but inflict oppressive financial burdens upon a community. Their prevention is incalculable gain. The death rate of a community, particularly the death rate from preventable diseases, reflects upon the quality of its sanitary government, and is looked upon as an indication of the degree of advancement a people may have attained in comprehending and applying that great principle of self-government, which aims to lessen suffering, conserve health and thereby tend to prolong life.

TUBERCULOSIS.

The present population of the city of St. Louis, calculated from the returns of the Election Commissioner, is 600,000; of this number it is lamentable to have to say, but it is nevertheless a fact, that 90,000 will die of Tuberculosis. The great majority of these cases will die between the ages of 15 and 65 years, or during the years of the greatest productive activity of the individual. For the fiscal year ending April 1, 1901, as far as I am enabled to ascertain from the mortuary statistics of this Department, 1353 deaths are recorded from Tuberculosis; of these 1016 died from Pulmonary Tuberculosis (Consumption). Williams states that the average life of the consumptive among the better-to-do class in England is eight years; I think this to be a fair estimate and equally applicable to the people of this State. We would, therefore, have among us 1353 times eight equals 10,824 cases of Tuberculosis.

The difficulty in obtaining correct statistics of deaths from Tuberculosis is yearly becoming greater, and, for several reasons, principally from the attitude of industrial insurance companies. It is well known that a large proportion of the poor of our city carry a small life insurance policy, generally just enough to provide for funeral expenses. If Tuberculosis be ascribed as the cause of death, the policies in many of these companies are wholly, or in part, vitiated; it is at once apparent how important the word "Tuberculosis" becomes to many people. Attempts to influence physicians, even by direct bribes, not to

use the word "Tuberculosis" in the death certificate are of common occurrence; the potent argument of "no insurance, no doctor's fees" is sufficient to prompt the majority of physicians to find other causes of death.

The attempt to place a monetary value upon the loss of lives is a difficult one, inasmuch as such a question is necessarily based upon financial considerations and because it involves the welfare of the human race. Nevertheless, I shall attempt to show the ravages this terrible disease makes upon this community and the cost in money as nearly as I can.

Prof. Mason, of Troy, N. Y., in attempting to estimate the cost of typhoid fever to the city of Philadelphia, says: "According to Rochard, the economic value of the individual is what he has cost his family, community or State for his living, development and education; this loan which the individual receives is made to him by his relatives and the State in order to reach the age when he can return it by his labor." Chadwick considers an English laborer equivalent to a permanent deposit of $980.00; Farr estimates the value of each human life in England at $780.00; Mason places the value upon a human life in this country at $2,000, and Geurard of New York at $1,000. Let us take the last figures, although I believe Mason to be nearer correct, — taking 1,353 cases as the annual death rate for Tuberculosis, we have an actual loss of 1,353 times 1,000 equals $1,353,000. These people were incapacitated for work for a considerable length of time before death, during which period they earned no wages and the City lost their productive power to that extent. Estimating the average wages of 1,353 persons at $1.00 a day and the lost time at ninety days at least, and that is very low, we find a further loss to the community of $121,770; we will not include in this estimation the funeral expenses, doctor's fees, medicines, nursing, etc., and we have a total annual tax of $1,474,770; practically $1,500,000 levied by the great white plague upon this city. This is only an estimation of the actual deaths; there are doubtless many more, and besides there are many persons who have suffered from the disease and recovered from it, but have been incapacitated for working by it for shorter or longer periods. I therefore think that it would not be exceeding the bounds of possibility to place the cost annually at $2,000,000.

According to the most recent investigation of Leyden of Berlin, Von Schroetter of Vienna, Gracher and Leteulle of Paris, Biggs, Troudean, Prudden and Knopf of New York, Bowditch and Otis of Boston, Hamilton of Chicago, and many others, based upon practical results obtained from treatment of tubercular patients in a special hospital, at least three-fourths treated in the early stages may be restored to health and productive capacity for some time to come, and many are permanently cured. Add to this the benefit to the healthy by an infectious person isolated, thus preventing the spread of the disease.

I quote here from a communication issued by the Imperial Office of Health of Germany, upon the importance of establishing special hospitals for the treatment of Pulmonary Tuberculosis: "A contribution to the determination on utility of a special hospital for Consumptives" — in which an attempt is made to estimate the financial benefits which a public hospital for consumptives would bring to the people of Germany, assuming that only one-seventh or one-eighth of the 90,000 persons between the ages of 15 and 60 who die annually of Tuberculosis in Germany, or in round numbers, 12,000 were subjected to treatment and that of these three-fourths, or 9,000, were restored to health or ability to work and thus remain alive and with their families for three years longer than would otherwise be possible; and estimating the wages for man (in Ger-

many) to be $150.00 a year, or say,— on an average of $125.00 for each person between the ages of 15 and 60, then there would be a total gain of three times $125.00 times 9,000 equals $3,375,000 for those who are thus benefited. To do this would require an expenditure of — say $100.00 each — and 12,000 people treated, without deducting the necessity of a plant, etc., equals $1,250,000; if now the interest on the estimated capital to maintain 4,000 beds be added to this, $250,000 more, there would remain, after subtracting the total cost of $1,500,000 for the treatment of 12,000 persons, a total yearly gain to the public of $1,875,000; to this sum should be added the profit to patients themselves and the pleasure of living afforded to the children and families of those restored to health, to whom is thus preserved the support of the working father or care of the devoted mother for, perhaps, many years to come. Moreover, it is to be considered that by this treatment in special hospital, a more wholesome and sanitary mode of living would be more and more cultivated, — particularly among the class of population which is always most neglected in this respect.

The subject of the reduction of mortality from tubercular diseases, both from an economic and humanitarian point of view, would therefore seem worthy of the earnest consideration of all thoughtful men; statesmen and legislators as well as sanitarians and physicians.

It certainly concerns the welfare of the County and State, as well as that of a city, and it is evident to me that the time has arrived when it becomes the duty of the Board of Health to take a more decided and aggressive attitude toward this, the most widespread and deadly of all diseases with which man is afflicted. In order to bring out more clearly and emphatically the immediate necessity of such course, it is essential to recount some of the known and generally accepted facts regarding the nature of the disease.

Tuberculosis may affect any organ or tissue of the body; when it affects the lungs it is called " Pulmonary Tuberculosis " or " Consumption; " in this form it is the cause of about one-fourth of all deaths occurring to the human being during adult life, and more than one-half of the entire population at some time of life, acquire it. It has been proved, if anything in the world has ever been proved, that the living germs called the tubercle bacillus is the cause, and only cause, of Tuberculosis; when these germs find their way into the body they may multiply there, if favorable conditions for their growth exist, produce small new growths, or nodules (tubercles) which tend to soften; the discharges from these softened tubercles containing the living germs are thrown off from the body. In consumption the expectoration contains the germs often in an enormous number. It has been shown that many millions of tubercle bacilli may be discharged under certain conditions by one person suffering from tuberculosis in the course of twenty-four hours; the germs thus thrown off do not grow outside the living animal or human body except under artificial conditions, but they may retain their vitality and virulence for long periods, even when thoroughly dried. As tuberculosis can only result from the action of these germs, it follows from what has been said that when the disease is acquired it must result from receiving into the body the living germs that have come from some other human being or animal afflicted with the disease; in other words, it cannot occur except by direct communication from some other individual or animal suffering from tuberculosis.

The expectoration of tubercular persons frequently lodges in places where it afterwards dries, as on handkerchiefs, clothing, carpets, floors, streets, walls,

and so on; after drying it is very apt in one way or another to become pulverized and float in the air as dust. It has been shown experimentally that dust collected from the most varied points in hospital wards, asylums, prisons, bedrooms, hotels and private houses where consumptive patients have lived is capable of producing the disease; such dust may retain for weeks and even months, its power of causing the disease, and persons inhaling the air in which this dust is suspended breathe in the living germs. It, however, should be distinctly understood that the breath of tubercular patients and the moist sputum received in cups are not elements of danger, but only the dried and pulverized sputum. If all discharges were destroyed immediately, by far the greater danger of communication from man to man would be removed. It is a well known fact that some persons, especially the members of some families, are particularly liable to Consumption; so marked and so frequent is the development of the disease in certain families that the infection has long been considered hereditary. We now know that the disease itself is very rarely hereditary, but there is inherited a liability to the disease which renders the individual a more easy prey to the living germs when once they have gained an entrance.

It follows from what has been said that Tuberculosis is a communicable disease and is distinctly preventable. The means which are most certain to prevent its spread from one individual to another are those of scrupulous cleanliness regarding the sputum; the means are within the control of the infected individual; the sputum and the sputum alone is the important agent in its transmission. Furthermore, it is to be remembered that Consumption is not always, or even generally, as was formerly supposed, a fatal disease, but that in a very large proportion of cases, if recognized early, it is distinctly a curable affection.

The following facts should, therefore, be emphasized: —

First. Incipient Tuberculosis tends to recovery; the symptoms of incipient Tuberculosis are frequently not sufficient in number or importance to attract the attention of the individual and their significance is often not recognized by physicians, as there are other diseases which closely resemble it. For successful treatment of Consumption, it is of vital importance that positive diagnosis be made at the earliest possible moment. It is, therefore, essential that in all suspicious cases of cough, the sputa be systematically examined bacteriologically for the detection of the tubercle bacillus.

Second. Advanced Tuberculosis, with or without mixed infection, tends to fatal issue.

Third. In all coughs that last more than a few weeks Tuberculosis is to be suspected as the cause.

Fourth. Successful treatment or prophylaxis demands the earliest possible diagnosis. The positive diagnosis of incipient Consumption is possible only when tubercle bacilli are found in the expectoration; repeated examinations of the expectoration are frequently necessary to demonstrate the presence of the tubercle bacilli in incipient cases of Consumption.

I desire to emphasize the following: —

First. Tuberculosis is a communicable disease, and distinctly preventable.

Second. It is not directly inherited.

Third. That it is acquired by direct transmission of the tubercle bacillus from the sick to the healthy, usually by means of dried and pulverized sputum floating as dust in the air.

The measures subject for the prevention of the spread of the disease are: —

FIRST. Protection of the public against tuberculous meat and milk obtained by rigid inspection of cattle.

SECOND. The dissemination among the people of the knowledge that every tubercular person may be a source of actual danger to his associates if the discharges from his lungs are not immediately destroyed, or rendered harmless.

THIRD. Careful disinfection of rooms and hospital wards that are occupied or have been occupied by consumptives.

I therefore recommend, in order to enable this Department to battle successfully with this desperate malady, and urge upon the Municipal Assembly, the passage of a bill declaring Pulmonary Tuberculosis an infectious and communicable disease, dangerous to the public health and should be classed among the contagious diseases.

TABLE SHOWING NUMBER OF MICROSCOPICAL EXAMINATIONS OF SPUTUM FOR THE DIAGNOSIS OF TUBERCULOSIS.

I. NUMBER OF CASES.

Year.	Only One Examination Made.			More than One Examination Made.			Totals.
	Tubercle Bacillus.		Per Cent.	Tubercle Bacillus.		Per Cent.	
	Found	Not Found		Found	Not Found		
1890-'91.	205	.....	33.61	16	.....	2.62	221
.....	.....	355	58.19	.....	34	5.57	389
					Total Cases.....		610

Total Cases in which the Tubercle Bacillus was found: 221 = 36.23 per ct.

	One Examination.	Two Examinations.	Three Examinations.	Four Examinations.	Five Examinations.	Seven Examinations.
All positive	205	.....	.....	.....	.....	.....
All negative	355	.....	.....	.....	.....	.....
1st negative, 2d positive	.....	8	.....	.....	.....	.....
1st pos., 2d neg	.....	2	.....	.....	.....	.....
2 positive	.....	4	.....	.....	.....	.....
2 negative	.....	28	.....	.....	.....	.....
3 positive	.....	.....	1	.....	.....	.....
3 negative	.....	.....	4	.....	.....	.....
4 negative	.....	.....	.....	2	.....	.....
1st, 3d and 4th pos.	.....	.....	.....	.....	.....	.....
2d negative	.....	.....	.....	1	.....	.....
Total cases	560	42	5	3	.....	.....
Total Examinations	560	84	15	12	.....	.....

Grand Total of Examinations: 671.

Number of Physicians who sent in specimens of Sputum: 181.

REPORT MADE TO INVESTIGATING COMMITTEE UPON THE CHICAGO DRAINAGE CANAL.

To me was assigned the task of collecting the statistical evidence of the effect of the Illinois river water upon the health of the inhabitants in the cities located upon its banks, before and since the discharge of the sewage of Chicago into it. But inasmuch as no city situated upon the Illinois river uses its waters for drinking purposes, I have been unable to collect any satisfactory statistical evidence upon this point. That the putrid water pumped from the Chicago river in the Des Plaines and thence into the Illinois river produces unpleasant odors, and is offensive and a nuisance to the cities below the pumping station at Bridgeport, is attested by the number of protests that have been filed against it, but that such odors are injurious to the health is another question, and not supported by statistical evidence from towns upon the river.

We have the evidence, however, that the inhabitants of Chicago who live and breathe the mephitic odors arising from their putrid river are shining examples of the fact that people can constantly breathe such an atmosphere and survive. Outside of the high death rate from typhoid fever and diarrhoeal diseases, Chicago is a remarkably healthy city. The river is apparently a source of danger only when through freshets its waters are carried far out into the lake and are pumped up into her water supply to contaminate the drinking water; which accounts for the high death rate from the diseases above cited.

The question of the opening of the Chicago Drainage Canal and the discharge of all the sewage of Chicago into the Illinois river is of such vital importance to the health interests of this community, that I shall take this occasion to discusss at length.

Ever since assuming the duties of Health Commissioner, I have advocated legislative action by Congress which would lead to a thorough, exhaustive and unbiased investigation of the whole question with a view of determining whether the sanitary feature of the canal would be objectionable. The Board of Health have supported me in these efforts and have willingly indorsed, at different times, resolutions recommending a speedy adoption by Congress of the Bartholdt bill for the creation of a Commission of experts, to which the whole question could be submitted for scientific solution, whereupon Congress could act accordingly. I regret exceedingly that, notwithstanding the earnest appeals of Congressman Bartholdt, opposition has sprung up again and again from apparently interested sources, to prevent the passage of this bill, and we are accordingly deprived of the protection we are expecting from this Commission, should it have come to the conclusion that our fears for our water supply were justified. Inasmuch as no scientific investigation has furnished us the information we seek upon this subject, we are confined to the statements and arguments presented by the advocates of the channel, and I shall endeavor to compare the essential ones with the established scientific facts, thus proving that there are grave doubts as to the reliability of some of the reasons advanced for the assumption that the sewage admitted into the canal will be diluted and purified sufficiently to render it harmless when it reaches this city.

The Chicago river is probably the most foully polluted river in the world. It has discharged into it a greater part of the sewage of Chicago, the waste matter from a number of large manufacturing establishments, especially great slaughter houses, built upon its banks, besides the washings from the great Chicago Stock Yards. The stream is practically stagnant and discharges itself

into Lake Michigan only during heavy rainfalls when its waters rise sufficiently high to flow into the lake. The result is, that all of the organic matter which finds its way into this stream decomposes, ferments, putrfiies and produces fœtid odors that smell to heaven. To relieve this condition large pumps were built at Bridgeport on the south branch of the river and the water lifted into the Illinois and Michigan Canal at the rate of from 30,000 to 60,000 gallons a minute, which runs thence into the Des Plaines and finally into the Illinois river. This pumping has resulted in the production of a slow current in the river towards the pumps, except during freshets when the river is flushed and discharges into the lake. This has not relieved the river, however, of any of its offensiveness, so that it is to-day the concentrated essence, in fact the very quintessence, of sewereal putridity. To permanently relieve the river of its burden of fœtid pollution. a ditch has been dug across the watershed which separates Lake Michigan from the Mississippi Valley with the object in view of connecting the south branch of the Chicago with the Illinois river. This ditch is known as the "Chicago Drainage Channel" and is now nearing completion. The purpose of the canal is not only to purify the river by conducting a large volume of water from the lake through it to the Illinois river, but also to carry away all the sewage of Chicago, which is to be discharged into it. It is being constructed under the expressed conditions that 20,000 cubic feet of lake water per minute are to flow through the canal for every 100,000 population of the drainage area, at a current of not more than three miles an hour* — or one and one-half gallons of water a minute — 2,160 gallons a day — are to be mixed with the sewage of every person emptied into it. The present population of the city of Chicago, according to the estimation of the Health Commissioner, Dr. Arthur Reynolds, is 1,650,000. This together with the number of persons in the drainage area, whose sewage will also pass into the canal, is equal to fully 2,000,000 people.

The sewage of every person of that district amounts to three ounces of solid and 40 ounces of liquid excreta a day. The amount of solid excrementitious matter for 2,000,000 people would then be equal to 6,000,000 ounces, 375,000 pounds, or 187.5 tons; and of liquid excreta 80,000,000 ounces, or 670,000 gallons. We are assured that the excreta of every person of this area is to be mixed in the canal with 2,160 gallons of lake water, then to mingle when it reaches the Illinois river with the large volume of water flowing there, and finally to disappear, long before reaching the Mississippi river, by sedimentation, oxidation, nitrification and dilution.

The question before us, however, is not whether a water fouled by these discharges may regain its pristine appearance of purity, but whether it can ever become absolutely safe for drinking purposes. One naturally asks: Is sewage-polluted water dangerous to health, and if so, what diseases may be conveyed by it? The consensus of opinion of authorities of the world is, that sewage-polluted water is dangerous to drink, and is supported by testimony so abundant, strong and convincing as to be practically irresistible. The diseases conveyed by drinking waters are: Intestinal disorders, such as Diarrhoea and Dysentery, and Typhoid Fever and Cholera; besides these, there is a possibility of quite a number of other disease-producing bacteria, such as Tuberculosis, Diphtheria and Anthrax, finding their way into such waters and being conveyed great distances in running streams.

The advocates of the drainage canal claim that the large volume of lake water with which the sewage of each individual of the drainage area will be

* Computation made by T. J. Johnson, Engineer of Channel.

mixed in the canal, together with the farther dilution which will take place in the Illinois river, and the long run through its tortuous channel to the Mississippi river, will rob the sewage of its dangers and render it fit for human consumption by the time it reaches St. Louis. Attention is also called to the fact that for years the Illinois river has had pumped into it from 80,000 to 60,000 gallons of polluted Chicago river water a minute, without having produced disease in the people living along the banks of the Illinois river, or the inhabitants of St. Louis. It is my intention to take these arguments up in their proper order and show their fallacy.

By dilution, we understand that a given quantity of sewage is mixed with water. In some cases the quantity of water used is of so large a volume that the sewage is so greatly diluted as to defy the efforts of the most skillful chemist to detect it. We are to remember, however, that the sewage, with its associated bacteria, is still there, and although beyond the skill of the chemist to detect it, is nevertheless present in sufficient quantities to afford abundant food for bacteria.

The term sedimentation means that the heavier particles of sewage floating in water settle upon the sides and bottom of the stream as the water flows along, and this disposition takes place more or less rapidly according to the rate of the floating water. The more rapid the flow, the greater the distance the sediment is carried.

Oxidation and nitrification are the result of the destructive action of bacteria upon organic matter. It is true that a part of the oxidation of organic matter in water is the direct result of a combination of the oxygen of the air dissolved in the water with the organic matter, but the greater part of the oxidation is, as said before, the work of bacteria.

I find as one of the principal arguments advanced for a successful purification of the Chicago sewage after dilution with the current of water from Lake Michigan, the assertion made before the British Royal Commission in 1876, by Dr. Letheby and Prof. Tidy, that: "Sewage mixed with twenty times its volume of running water and having flowed ten or twelve miles is absolutely destroyed; the agents being infusorial animals, aquatic plants, fish and chemical oxidation."

There are not many statements in regard to the question of water pollution that have attracted more attention than this remarkable assertion. Such scientists as Dr. R. A. Smith and Sir Lyon Playfair soon assailed this sweeping conclusion as impossible. The former testified before the Royal Commission that, "No one has conclusively shown that it is safe to trust to dilution, storage, agitation, filtration or periods of time for the complete removal from water of disease-producing elements, whatever these may be. Chemistry and microscopy cannot and do not claim to prove the absence of these elements in any specimen of drinking water."

Dr. Lyon Playfair said: "The effect of organic matter in the water depends very much upon the character of that organic matter. If it be a mere vegetable matter, such as comes from a petty district, even if the water originally is of a pale sherry color, on being exposed to the air in reservoirs, or in canals leading from one reservoir into another, the vegetable matter gets acted upon by the air and becomes insoluble, and is chiefly deposited, and what remains has no influence on the health. But where the organic matter comes from drainage, it is a most formidable ingredient in water, and is the one of all others that ought to be looked upon with apprehension when it is from the refuse of

animal matter, the drainage of large towns, the drainage of any animals, and especially of human beings."

The controversy resulting from Tiddy's and Letheby's assertion finally led to elaborate experiments on the question of oxidation of sewage by Dr. Frankland and others. John C. Thresh, an English authority on water supplies, gives a graphic account of these tests. The experiments were made with the Irwell and Mersey, — rivers so notoriously polluted by sewage and other refuse organic matters that "ordinary aquatic life is entirely banished from their waters;" they found, after making all possible corrections for dilution, etc., that in the Irwell a flow of eleven miles reduced the organic carbon of 0 to 29.6 per cent, and the organic nitrogen by 0 to 11.8 per cent. In the Mersey, a flow of 18 miles reduced the former by 0 to 20 8 per cent, and the latter by 18.2 to 17.9 per cent. Selecting the Thames as a much less polluted river, samples were taken about a quarter of a mile below where it is joined by the Kennet, and again just above the Shiplake Paper Mills. These points were selected because in the four intervening miles the river does not receive any other affluent or pollution of importance. The analytical results showed that even under very favorable circumstances the reduction in the proportion of organic matter was very small, "so minute, indeed, that, even assuming it to go on at the same rate by night and day, in sunshine and gloom, it would require a flow of 70 miles to destroy the organic matter." To exclude certain elements of uncertainty, diluted London sewage was next experimented with. It was agitated with air and then allowed to syphon in a slender stream from one vessel to another, exposed to light, and falling each time through three feet of air. The results indicated approximately the effect of oxidation which would be produced by the flow of a stream containing 10 per cent of sewage for 96 and 192 miles respectively, at the rate of one mile per hour. By the flow of 96 miles the organic carbon was reduced by 6.4 per cent, and the organic nitrogen by 28.4 per cent, whilst the flow of 192 miles reduced the former 25 1 per cent, and the latter 88.5 per cent. Fresh urine and deep chalk-well water were next mixed together and submitted to similar treatment. Still less effect was produced; the carbon was but slightly reduced, whilst the nitrogen showed an actual increase. Finally, the results were checked by the examination of the gases dissolved in dilute sewage (5 per cent) after standing for different periods in accurately-stoppered bottles exposed to diffused daylight at a temperature of about 17 degrees C. The dissolved oxygen gradually disappeared, but so slowly that "so far from sewage mixed with twenty times its volume being oxidized during a flow of 10 or 12 miles, scarcely two-thirds of it would be so destroyed in a flow of 168 miles, at a rate of one mile per hour, or after a lapse of a week."

WEIGHT OF DISSOLVED OXYGEN IN 100,000 PARTS OF WATER.

.946	Immediately after mixture.
.803	After 24 hours.
.616	" 48 "
.315	" 96 "
.201	" 120 "
.080	" 144 "
.036	" 168 "

The Commissioners believed that it was the clarification by subsidence which takes place in nearly all rivers, which had led to the belief, so general, but erroneous, in the rapid, self purifying power of running water.

It is not surprising that such results induced the River Pollution Commission to decide that "there is no river in the United Kingdom long enough to effect the destruction of sewage by oxidation."

Subsequent investigations made under the supervision of the Massachusetts State Board of Health on repeated outbreaks of typhoid fever in cities using polluted river waters, have served to confirm the conclusion that "no river is long enough to completely purify itself."

Discussing the question: "To what extent must a polluted liquid be diluted in order to be safely used for domestic purposes," Prof. Wm. Ripley Nichols of Boston, an authority of high standing in sanitary science, replies in his book on water supplies that no answer can safely be given. He even goes so far as to discourage the discharge of sewage into streams used for water supplies altogether when he says: "With our present information, too much stress cannot be laid upon the importance of preventing the discharge of refuse and of sewage, in its more restricted sense, into a stream or pond used, or likely to be used, as a source of water supply."

I could quote other authors like Fanning and Rideal, who look upon Tidy and Letheby's assertion as an exploded theory and who warn more or less against the discharge of sewage into streams used for Water Supplies, but I do not consider it necessary.

The entire argument of the drainage canal advocates, that dilution, such as they propose, is sufficient to purify the water, is based on the supposition that the chemical proof of the oxidation of the organic matter in the polluted canal water would establish the fact of its purification. John C. Thresh in his exhaustive work on Water Supplies, shows how modern science has proved that dilution and purification may have taken place to such a degree that the most careful analysis can detect no element of danger, yet that the water may be practically injurious to the health and capable of causing most serious epidemics of disease. He, furthermore, says: "No doubt in the course of transit from point to point, much of the solid matter is deposited on the sides and bottom of the river, and some of the dissolved filth is oxidized or otherwise destroyed; but it is open to question whether any river in this country is sufficiently long for this process of self-purification to be complete, and for the water to become absolutely free from danger."

The valuable experiments of Dr. Frankland, made under conditions securing an extraordinary quantity of oxygen by agitation and aeration, and yet only oxidizing one-third of the diluted London sewage, after a flow of nearly 200 miles, prove conclusively how slow this process of purification can be even under oxidation circumstances, far more favorable than those presented by the Drainage Canal project. Sedimentation, so essential to purification, was rendered more speedily possible by the flow of one mile per hour of the sewage water in those experiments, than it can be in the time, three miles per hour, as designated for the flow of the water in the canal. The excrementitious organic matter must necessarily be carried much farther by the more rapid flow of the canal water, thus delaying the process of purification considerably in time and distance. Thus we have to contend with the possibility of such sewage running several hundreds of miles, or more, before its purification can be considered sufficient to render it harmless.

All bacteria require food for further development and propagation, which must consist of both nitrogenous and non-nitrogenous substances in the presence of suitable heat and moisture. Sewage is such a food and the

organic matter in it, as the result of the vital activity of bacteria upon it, is broken up into simple compounds, with the ultimate production of carbonic acid, ammonia and water.

The so-called nitrifying and denitrifying bacteria are found in water and are an important group of micro-organisms. The former oxidize ammonia to nitrous and nitric acid; the latter reduce nitric acid to nitrous acid and ammonia. Ultimately, then, as a result of the vital activity of bacteria, all sewage in a running stream is broken up into simpler compounds and may be completely destroyed, providing the temperature is suitable for the growth and multiplication of bacteria, and the river long enough. Diluted sewage, free from bacteria, is not dangerous to the health of man, but it is the pathogenic bacteria in water which are to be feared. The really important question, therefore, is, whether the pathogenic bacteria (notably the typhoid bacilli) are destroyed in a running stream, and, if so, how long can they survive in water before being destroyed? In regard to the deportment of the pathogenic bacteria in sewage-polluted waters, a great deal of important work has been done. The consensus of opinion is that the typhoid bacillus can remain alive for from 15 to 30 days, although it is not claimed that it propagates in such waters.

The cholera spirillum has a greater vitality, living from a few days to several weeks, depending upon the saline constituents in the water. In regard to their behavior in ice, the cholera spirillum has not the vitality of the typhoid bacillus.

Prudden found the typhoid bacillus alive after having been frozen in ice for 102 days. He also demonstrated that alternate thawing and freezing is very destructive to the organism. In the Massachusetts State Board of Health experiments, the typhoid bacillus was shown to live for twenty-five days in ice-cold water. These observations demonstrate that while pathogenic bacteria in water are in an unnatural medium, and probably worsted in the struggle for existence by the natural water bacteria, they still can survive and retain their virulence for quite a period of time. In concentrated putrefying sewage, both of these bacteria are destroyed in a few days.

That typhoid fever can be produced by drinking polluted water is an indisputable fact, for the instances which can be adduced in proof of it are so numerous that it is difficult to make a selection. The following examples are cited on account of their being typical outbreaks by the pollution of water in diverse manners. In some, the source of the infected material was almost self-evident; in others, the discovery of the mode by which the waters became contaminated taxed the ingenuity and patience of the investigator to the utmost, while in others specific pollution could only be inferred.

Lausen, Switzerland.

The typhoid epidemic which occurred in this village during the latter part of 1872, has been mentioned so frequently and with so much respect as to make it a classic in the epidemiology of this disease. The circumstances were briefly as follows: A few cases of typhoid fever, occurring at a distance of one or two miles from the village, were supposed to have caused a contamination of the water of the village well from which an infection of 180 persons, with eight fatalities, in due time followed. From the official report of the epidemic by the Health Officer of Basle, it appears that a brook, passing near the premises where the original cases of typhoid occurred, was used for the washing of the linen of the patients, and at the same time as a channel for the disposal of the

typhoid dejections. The course of this brook caused it to join another stream which passed through Lausen at a considerable distance below the village; but for some time it had been suspected that an underground connection existed between the brook at a place below the original location of the fever and the village well, although from surface indications any sewage discharged into the brook would pass into the larger stream below the village, and not be the cause of pollution to the village water or create an offense to its population.

After the epidemic, an investigation showed that the brook did not have any underground connection with the village well; and notwithstanding the percolation of the water through a mile or more of pervious material, typhoid germs, which came into the brook from the source of the original infection, were carried into the public well, and spread the disease in the village at such an alarming rate that one in every six of the whole population was attacked. The original case of typhoid was held to have been imported in the neighborhood of Lausen.

A resumé of the simple facts in this instance shows: —

1. No typhoid fever had been known of in Lausen for sixty years, and the general health of the people exceptionally good.
2. During the summer of 1872 several cases of typhoid occurred outside of the village, at a distance of a mile or more.
3. The Furlen Brook was used as a channel of discharge for the dejections of the original patients, and for the washing of their linen.
4. Salt, thrown into the brook below the original location of the disease, in due time, appeared in the water of the Lausen public well.
5. The infection was limited to those who drank of the water of the public well, while families which abstained from the use of the water of this well were not affected.

The Lausen circumstances have been so well described in certain books and reports upon the subject, that it is here introduced principally to show that natural filtration, so-called, through the pervious materials of the drift, while it may render water very fair to look upon, cannot be accepted as a safeguard against typhoid infection, if the cause of infection should exist in the locality of a source of ground water supply such as was had in Lausen.

Caterham, England.

The outbreak of typhoid fever at Caterham occurred in the early part of 1879, and was reported early in April of that year. In this instance there were upward of 100 attacks of the disease, of which 19 were fatal. It was proved beyond doubt (according to Mr. Edward Easton, Chairman of the Caterham Water Company), that the origin of the epidemic was due to the evacuations of one workman accidentally contaminating the water of the well. This workman, although suffering with a "walking" case of typhoid fever, was employed in the tunnels connecting the wells which constituted the source of water supply for Caterham and Redhill. While so employed, his frequent dejections were collected in a bucket, and from time to time hoisted out of the well. During one trip of the bucket an accident occurred, causing a portion of its contents to be spilled into the water; and from this, in due time, grew an epidemic of typhoid fever, alarming in proportion to the population of the district supplied from this source.

The circumstances of the affair are revolting in the extreme; and how a person suffering with the early symptoms of typhoid could be permitted to follow his occupation immediately in the presence of the water from which a small population drew its daily supply, is beyond comprehension. Stripping

the matter of all verbiage, it appears that 100 cases of typhoid fever with 19 deaths were traced to the contamination of this Caterham water by the accidental discharge of a portion of the dejecta from a mild case of typhoid fever.

Plymouth, Pa.

The town of Plymouth, Pa., in the spring of 1885 was visited by a severe epidemic of typhoid fever, which had its origin in the pollution of the public water supply by the dejections of a single isolated patient.

The water of the town is impounded in a reservoir at an elevation sufficient to maintain a supply by gravity; and upon the drainage ground of this reservoir, at the time of and before the epidemic, lived a family, a member of which was temporarily located in Philadelphia. This member came home ill with typhoid fever during the winter of 1884–1885; and to avoid infection of the family vault, his dejections were thrown upon the snow or ice-covered ground some distance from the residence, where they remained for a number of days. When the warm rains of late winter set in, the snow and ice about the premises melted and ran into the reservoir. Within two or three weeks, an epidemic of typhoid fever occurred in Plymouth, and out of a population of about 8,000 over 1,100 were stricken with the disease, of which 114 were fatal cases.

In 1891, Mr. Hiram F. Mills, a member of the Board of Health of Massachusetts, prepared for that board a report on "Typhoid Fever in its Relation to Water Supplies." He found that in Massachusetts the highest typhoid death-rates were not in the cities, but in the towns supplied with well water. The introduction of purer water supplies had in all cases been followed by a decrease in the typhoid mortality, but in two cities, Lowell and Lawrence, with a population of 123,000, there had been during the previous twelve months about one-third more deaths than in the city of Boston with four times the population. The cause of this excessive prevalence of typhoid fever was investigated, and it was found that prior to the outbreaks the Lowell water supply had been contaminated by the fæces of typhoid patients discharged into Stony Brook, only three miles above the intake of the water works. This pollution was followed in about three weeks by a very rapid increase in the number of deaths from typhoid fever in Lowell, and about six weeks later, by an alarming increase in the number of deaths in Lawrence, whose water supply is drawn from the Merrimac river, nine miles from where the Lowell sewage enters the river. An examination of the water from the service pipes of the city of Lawrence led to the discovery of the typhoid bacillus therein. These two cities are the only cities in the State which drew their water for drinking from a river into which, within twenty miles above, sewage is publicly discharged. "The amount of sewage that has directly entered the river (Merrimac) and its branches during the chemical examinations of the past three years is estimated to be about one gallon in 600 gallons of the river water passing Lawrence, and there has been no more impurity in the water, that could be detected by chemical analysis, than in about one-half of the drinking water supplies of the State obtained from ponds and streams; but the facts which have been presented, showing that these two cities have so much higher death-rate from typhoid fever than any other cities of the State, together with what is known of the relation of typhoid fever to sewage-polluted drinking water, are the strongest grounds for concluding that, even with the small amount of organic impurity in the water, as shown by chemical analysis, the germs of this disease are able to pass, and do pass from one city to the other in the water of this river." Experiments were made to ascertain whether the typhoid bacillus

could withstand a temperature only a little above freezing-point long enough to pass from the Lowell sewers to the water mains of Lawrence. It was calculated that the Lowell sewage would reach the intake of the Lawrence Water-works in eight hours, and would pass through the reservoirs into the mains within ten days. Typhoid germs kept in ice-cold water were found to be killed somewhat rapidly, but it was not until the twenty-fifth day that all the bacilli had perished. Evidently, therefore, the typhoid fever germs from the Lowell sewers may live in winter to enter the Lawrence mains in great numbers. The fact that more cases of fever occurred near the reservoirs than in the districts towards the ends of the mains, is explained by the bacteriological examination of the water, which proved that the number of bacteria in the water gradually diminishes with the distance from the reservoirs. The Merrimac is a large swift river, and Dr. Edwards denied that the ejecta of a few persons could possibly contain a sufficient number of germs to lay low some hundreds of people in Lowell. He elaborately computed the dilution which the ejecta had undergone, and came to the conclusion that the water theory involved a physical impossibility, and consequent reductio ad absurdum. A somewhat similar conclusion was arrived at by the Metropolitan Water Supply Commission after considering the evidence adduced for and against the theory of the Tees river water being the cause of the epidemic in the towns in that river valley. As we know nothing of the number of bacilli which a typhoid patient may discharge, nor of the number which are necessary to produce an attack of the disease, arguments and speculations of this character can have but little weight.

A further and conclusive demonstration of the absurdity of Dr. Edward's mathematical deductions are the effects of the filtration of the water upon the health of the people of Lawrence. The deaths from typhoid fever per 10,000 of the population, were:

1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897
11.75	12	13.75	13.33	12.20	11.11	....	5	3.07	1.86	1.62

During 1893, the filter was built, and hence during a portion of the year filtered water was being used; in 1894, however, filtered water was in use the entire year.

That is to say, the average death rate for the six years previous to the construction of the filter was 12.86 per 10,000, while during the three years and ten months following its construction, it has been 2.95 per 10,000 of population, a reduction of 76 per cent. It can be said also, that a number of the deaths reported each year are of operatives in the large mills, who, in spite of the warning notices, drink the unfiltered and polluted canal water which is piped into these mills. In fact, it can be said that Lawrence now has one of the lowest death rates from typhoid fever of any city in the State, and has its greatest number of cases during August, September and October, similar to other cities, and at a period when the filter is doing its best and most satisfactory work in removing bacteria, and giving an effluent beyond suspicion. The cases occurring in these months cannot in any way be connected with the filtered water supply.

Besides giving a water free from disease germs, the filter is also giving a cleaner water, one more attractive and palatable, and containing but 50 per cent. of the organic matter of the river water.

In conclusion, it can be said that the filter has been eminently successful in doing all that it has promised to do.

It is interesting to note that in 1892-93 another outbreak of typhoid fever

occurred in the Merrimac Valley, involving Lowell, Lawrence and Newburyport. Dr. Sedgwick, who again conducted the investigation, found that in December, 1892, there was a marked increase in the number of cases of typhoid fever in Lowell. It was predicted that Lawrence would soon suffer, and before long fever began to increase there; and at the same time a very unusual, and at first apparently unaccountable outbreak occurred at Newburyport, lying below these cities at the mouth of the Merrimac. Contrary to the advice of the State Board of Health, it was discovered that, owing to a scarcity of water, the company at Newburyport had for some time been drawing water from the river. "The occurrence of this epidemic in Newburyport," says Dr. Sedgwick, "and its apparent connection with the outbreaks in Lowell and Lawrence, must be accounted one of the most interesting phenomena in our whole series of investigations, and may serve to confirm the truth of the saying that 'no river is long enough to purify itself.'"

The recent epidemic of cholera at Hamburg (1892) is interesting in many respects. Just prior to the outbreak, a large number of destitute Russian Jews from cholera-stricken districts in Russia, had been encamped for a time in wooden huts on the quays of the Elbe, the sewage from which passed into the dock and would be carried up the Elbe by the rise of the tide, above the intake of the water works. In eighty-five days over 18,000 persons were attacked with cholera in the city, and over 8,000 cases terminated fatally. Prof. R. Koch investigated this outbreak, and in a paper on "Water Filtration and Cholera" he gives the reasons which led him to conclude that the epidemic was chiefly due to the use of imperfectly filtered polluted water. "The cholera epidemic in the three towns of Hamburg, Altona and Wandsbeck," he says, "has been in this respect instructive in the highest degree. These three towns which are contiguous to each other, and really form a single community, do not differ except in so far as each has a separate and a different kind of water supply. Wandsbeck obtains filtered water from a lake which is hardly at all exposed to contamination with fæcal matter; Hamburg obtains its water in an unfiltered condition from the Elbe above the town, and Altona obtains filtered water from the Elbe below the town. Whereas Hamburg was notoriously badly visited by cholera, Wandsbeck and Altona — if one excepts the cases brought thither from Hamburg — were almost quite free from the disease. Most surprising were the conditions of the cholera epidemic along the boundary between Hamburg and Altona. On both sides of the boundary the conditions of soil, cultivation, sewerage, population, all things, in short, of importance in this respect, were the same, and yet the cholera of Hamburg went right up to the boundary of Altona and there stopped. In one street, which for a long way forms the boundary, there was cholera on the Hamburg side, whereas the Altona side was free from it. Indeed, in the case of a group of houses on the so-called Hamburg Platz, the cholera marked out the boundary better than any one having the map of the frontier between Hamburg and Altona before him could have done. The cholera not only marked the political boundary, but even the boundary of the water distribution between the two towns. The group of houses referred to, which is thickly populated by families of the working class, belongs to Hamburg, but is supplied with water from Altona, and remained completely free from cholera; whereas all around on the Hamburg territory there were numerous cases of disease and death. Here we have to do with a kind of experiment which was performed on a population of over 100,000, but which, in spite of its immense proportions, com-

plied with all of the conditions which one requires from an exact and perfect experiment in a laboratory. In two great populations nearly all the factors are the same; one only is different, and that the water supply. The population supplied with unfiltered water from the Elbe is seriously visited by cholera; the population supplied with filtered water is only visited by the disease to a very small extent. This difference is all the more important, as the water of Hamburg is taken from a place where the Elbe is relatively but little contaminated; but Altona resorts to the water of the Elbe after it has received all the liquid and fæcal refuse of 800,000 people. Under these conditions there is no other explanation for the scientific thinker, but that the difference in the incidence of the cholera on these two populations was governed by the differences in the water supply, and that Altona was protected against the cholera by the filtration of the water of the Elbe."

It has been held, and it is my opinion, that the best test of the quality of a city water supply is the typhoid fever rates of that city. Thus a city with water of high quality should show low typhoid rates, and a city with water of known sewage pollution should show high typhoid rates. The final test of all public water supplies is the influence of these on the health of the consumers.

Below will be found statistics of four cities of the old world who filter their water supplies, and of four American cities who use unfiltered water, with the comparison of typhoid fever death rates.

When we consider that the death rate from Typhoid fever has been as low as three persons per 100,000 of population in Munich (1892) while it has been as high as 154 persons per 100,000 of population in Chicago (1891), the most obtuse must admit that there is something wrong in our sanitary works or regulations which will permit of a death rate from typhoid fever in any city of this country *fifty* times as great as that of a certain city in Europe. While the Munich rate is very low, still it is not exceptional, as is shown by the following rates for that city, Berlin, Vienna and Rotterdam: —

DEATHS PER 100,000 OF POPULATION FROM TYPHOID FEVER.

Years:	1890	1891	1892	1893	1894	1895	1896
Rotterdam,	6	4	6	5	5	2	12
Munich,	8	7	8	15	2-8	3	3
Berlin,	9	10	8	9	4	5	5
Vienna,	9	6	8	7	5	6	5

Now compare these rates for the same years with those of four cities of the United States: —

DEATHS PER 100,000 OF POPULATION FROM TYPHOID FEVER.

Year:	1890	1891	1892	1893	1894	1895	1896	1897	1898
Chicago,	92	154	106	45	31	32	46	....	39
Pittsburg,	....	100	100	111	56	77	61	....	....
Louisville,	88	81	72	84	72	77	45	....	....
St. Louis,	34	30	37	103	31	19	19	19 (10 mos.)	18

Rotterdam draws its water supply from the river Maas, one of the mouths of the Rhine, and passes it through sand filters before it is delivered to the consumers. Vienna and Munich depend upon water from large springs at high elevation in the Alps; the former in the Schneeberg, 65 miles southwest of the capital, and the latter in the Mangfall Valley, 37 miles from the city. Berlin draws its water from two sources, the Stralau Works from Lake Tegel, an

expansion of the river Havel, and the Frederickshagen Works from Lake Muggel, an arm of the river Spree. At both stations the water is subjected to sand filtration before it is pumped to the distributing reservoirs or mains.

The city of Lawrence, Mass., with a population (1896) of 55,000, draws its water supply from the Merrimac river, after it has received the sewage from Lowell, nine miles above. The city of Lowell, with a population (1896) of 85,700, draws its water supply partly from the Merrimac river and partly from a system of driven wells. Lawrence, however, has filtered its water since September of 1893, while Lowell uses such water as is drawn from the river in its natural state. The typhoid fever death rates per 100,000 of population living, for these two cities, since 1890, are shown in the following table: —

Year:	1890	1891	1892	1893	1894	1895	1896
Lowell,	158	98	90	61	55	39	42
Lawrence,	128	115	102	93	48	31	15

The average death rates for the years 1890 to 1892, inclusive, before filtered water was used in Lawrence, were for Lowell 115 and for Lawrence 113, or quite the same; while for the three years, 1894 to 1896 inclusive, during which time filtered water was used in Lawrence, the average rates were for Lowell 45 and for Lawrence 31. The percentage of reduction in the rates for Lowell was 40, and for Lawrence over 72, leaving a net reduction of 32 per cent to be credited to the filtered water of the latter city.

This is not all that the filtered water is entitled to, according to reports from Lawrence, which show that many of the mill operatives continue to use canal water, which is unfiltered Merrimac water, in defiance of the notices posted conspicuously in the mills that canal water is dangerous to health, and should not be drunk; and a fairer comparison will be of the years 1890 to 1892, inclusive, before the filtered water was introduced, with 1896, when the use of filtered water was doubtless more general than for 1893, 1894 and 1895. Upon this comparison, Lowell shows a reduction of 63.5 per cent on the former rates, while Lawrence shows a reduction of nearly 87 per cent on the former rates, or a net reduction in favor of the filtered water of Lawrence of over 23 per cent.

A regard to the assertion that, "although for a number of years Chicago sewage has been pumped into the Illinois river, no epidemic of typhoid fever has occurred in St. Louis as a consequence of it," will require but a brief discussion. A number of observers have shown that the typhoid bacillus cannot survive more than a few days in waters highly charged with putrefying sewage.

Now the Chicago river is practically saturated with putrefying sewage, and inasmuch as I find no evidence in the literature of experiments showing to the contrary, I am led to believe that the typhoid bacilli do not survive any great length of time in it. But even if they found it a congenial medium in which to live, the currents created in the river by the Bridgeport pumps are so very slow that it would be many days before bacilli, emptied into the stream from the sewers, would ever reach the pumps. Let it be granted that some of the bacilli might reach the Illinois river alive. The slow current in that long and tortuous stream would afford them ample time to have perished long before reaching the Mississippi. Arguments based upon such supports are fallacious and must fall to the ground.

To, therefore, make predictions from the present conditions, to what will obtain in the future when the canal is opened, is the height of absurdity and not for a moment to be countenanced.

Typhoid fever is not, as a rule, prevalent in the spring and summer, but rather

a disease of the fall and winter months. It is not the intention in this argument to claim that typhoid bacilli discharged into the swift-moving waters of the Drainage Canal, after it is opened, will meet with no obstacles, but be conveyed to St. Louis because the conditions are highly favorable to it. On the contrary, in summer the temperature of river waters is exactly suited for the rapid growth and multiplication of water bacteria, so that oxidation and nitrification will go on rapidly, these bacteria will increase in enormous numbers, making the conditions for the survival of the pathogenic bacteria highly unfavorable. But there are other factors to be taken into consideration: First the water in the stream will be greatly diminished, and, secondly, during the long summer day the river is constantly exposed to the direct rays of the sun, which, in this river water, probably do not penetrate, to the detriment of bacteria, deeper than twelve inches, but is nevertheless unfavorable to the survival of pathogenic germs exposed to it. In the fall and winter months, however, these conditions are changed. The temperature is unsuitable for the growth and propagation of the water bacteria. Organic matters are not reduced to any great extent by oxidation and nitrification, and the sunshine is not so direct or prolonged, especially when the river is covered with ice, and, moreover, there is a greater depth of water in the stream. If the river be covered with ice, it becomes practically a large sewer pipe, through which the sewage with its associated bacteria is hurried along. Dilution and sedimentation may somewhat remove the traces of sewage, but inasmuch as such pathogenic bacteria as the typhoid bacillus can survive for days and weeks in cold water or frozen ice, and this at the very time when typhoid fever is most prevalent, the conditions for its survival and conveyance by a running stream are greatest. That, under such conditions, typhoid bacilli carried into the Illinois river in the large volume of swiftly-moving water of the Drainage Canal, when open, will reach St. Louis water supply, is not beyond a possibility. To my mind it is highly probable.

From the mass of overwhelming testimony at our command, we can draw no other conclusion than that whenever Chicago is permitted to empty all of her sewage into the Illinois river by way of the Drainage Channel, it will be a serious menace to the health of this community through the water supply. Or to recapitulate, we have conclusive evidence (a) that the bacillus of typhoid fever is the specific cause of typhoid fever; (b) that it is discharged from patients sick with the disease in the fæces and urine; (c) that although it is a bacillus which does not form spores, it is nevertheless a hardy micro-organism; (d) that it can live not only in water, but frozen in ice for a number of days; (e) there is no substantial evidence to contradict the assertion of substantial authorities that typhoid bacilli, under favorable circumstances, can live and propagate in a running stream, and we have abundant and convincing evidence that sewage-polluted water produces typhoid fever in persons drinking it; (f) that a sewage-polluted water may have all the appearance of purity, so much so as to defy the most exquisite tests of the chemist or the exhaustive examinations of a biologist to detect evidence of sewage in it, and still produce typhoid fever in those who drink it; (g) we have the statistical evidence of a number of municipal governments in both this and foreign countries, showing the great improvement in the typhoid fever death rate, following either the substitution of a pure for a sewage-polluted water, or the cleansing of a polluted water by filtration through sand, etc.; (h) we have the laws enacted by foreign governments in regard to the prevention of the pollutions of streams by sewage; and (I) the expressed statement in this and foreign countries of

authoritative investigating committees that sewage, no matter how greatly diluted, is not fit for human consumption, and (j) that no river is long enough to purify itself of sewage, even if put into it at its source.

We have on the one hand the advocates of the canal basing their calculations of the harmless character of this stupendous attempt at river water pollution on antiquated and long overthrown theories; while on the other hand modern science has reached a stage where the dangers of pollution of water supplies by the dumping of sewage into rivers is acknowledged to such an extent as to lead to legislation forbidding it altogether. I point to the Public Health Act of 1875, the River Pollution Act of 1876, the Local Government Act of 1888, and various local acts, all adopted in Great Britain, and all of which render illegal and punishable the discharge of solid or liquid sewage into streams used for water supplies directly or indirectly. In France, several ordinances forbid the pollution of streams under similar circumstances. In Belgium local laws attempt the same reform. The German Government Act of 1894 prohibits the discharge of (a) substances of such a nature that their introduction may give rise to an infectious disease, (b) or in such quantities as may involve an injurious pollution of the water, or of the air, or prove to be a distinct annoyance to the public. A special officer watches over the careful observance of this law. Although some States in our country have adopted modified laws against the discharge of carcasses and filthy substances into streams, it is to be regretted that we have no national legislation as yet, sufficiently protecting the public health from such pollution of our water supplies by sewage, and we, therefore, are deprived of any safeguard whatever against dangers arising from the injection of such tremendous quantities of fæcal matter into the canal every day, as Chicago contemplates.

I do not assert positively that this danger is a certainty, but I do consider it my solemn duty, as Health Commissioner of St. Louis, to point to the flimsy and unstable scientific foundation upon which the canal authorities are proceeding; and since, in my opinion, which is based upon such scientific authorities as quoted above, we have no guarantee that the danger of a serious pollution of our water supply is out of question, I must again call upon our representatives in Congress to leave no stone unturned for a speedy passage of the Bartholdt Bill. Not until the Commission, to be created by this law, has thoroughly investigated the whole question and presented its report, by which we could abide, should this huge sewage canal be allowed to be opened. This is the least we can demand of Congress and the canal authorities. In the meantime, the filtration of our own water supply, which I have advocated ever since I became Health Commissioner, should not be delayed any longer and proper measures adopted at once to that effect.

I quote here from an article on filtration of water in my annual report of 1896: "I am fully aware that a systematic and thorough chemical and biological study of the Mississippi river water has never been made, and that the difficulties surrounding the filtration of a muddy water are manifold; still, the problem is not beyond solution by highly trained experts, chemists, biologists and engineers, and such a Commission should be created and immediately put to work upon the question. With all the convincing evidence before us of the efficiency of filtration as a barrier to the dissemination of disease-producing germs, I earnestly recommend that every effort be made to bring about, as speedily as possible, the purification of our water supply by submitting it to careful filtration."

All of the above arguments which go to show the danger of the sewage of Chicago to the inhabitants of this city, apply with equal force to every other city that discharges sewage into the Mississippi river and its tributaries above us. We, therefore, know that the Mississippi river water at this point is sewage-polluted. It is a common-sense fact and does not need demonstration by skilled chemists and biologists, although the evidence from that source is overwhelmingly conclusive.

The evidence at hand is so strong and convincing that we cannot doubt for a moment that our water supply is the cause of disease among us, and may at any moment precipitate upon us an epidemic of disease having all the magnitude and fatal severity of the Hamburg cholera epidemic.

Respectfully submitted,

MAX C. STARKLOFF, M. D.,

Health Commissioner.

DIPHTHERIA.

It is with great satisfaction and a pardonable degree of pride that I wish to call your attention to the remarkable decrease in the death rate for the last six years in that dreadful disease — diphtheria. This decrease, as I shall demonstrate, has been brought about solely by the use of the antitoxic serum in the treatment of the disease; the propaganda of the doctrine of whose curative virtues it has been the constant endeavor of this Department.

By means of circulars, articles in Medical Journals, and interviews in the daily press, not only have the physicians of the city been urged to use antitoxin in the treatment of diphtheria, but the public has been educated into demanding the remedy in the treatment of the disease.

Diphtheria antitoxin first came into use in this city for the treatment of diphtheria in the Fall of 1894 when a few vials of it were imported from abroad. At that time it was not manufactured in this country and came in such limited quantities and at a price so exorbitant as to practically confine its use to the wealthiest patients. A curative dose of the serum ranged in price from $10.00 to $15.00, and was of inferior strength to that now generally employed.

The antitoxic serum was the logical outcome of a series of experiments in bacteriology that began with the work of the immortal Pasteur in preventive inoculations, and ended with the triumph of E. Behring of Berlin. My few tentative inoculations with the antitoxic serum in the treatment of diphtheria, so thoroughly convinced me of its great therapeutic virtues and of the triumphs in store for it, not only as a curative, but as a preventive remedy, that upon taking charge of the Health Department I immediately completed arrangements for its preparation by the Bacteriological Division. Horses suitable for the purpose were purchased, placed in the Poor House stables, and experimental inoculations with diphtheria toxins were soon well under way. On September 20, 1895, the remedy was ready for distribution free to physicians for the treatment of those too poor to pay the high price at which the foreign preparations were sold. The physician in return for it promises to send a culture tube to the bacteriological laboratory, inoculated with the throat secretions of the patient in which the remedy was used, in order to ascertain whether or not the clinical is in accord with the bacteriological diagnosis; and also a history of the case upon blanks furnished for that purpose.

In the table below will be found a summary of the cases, for which histories were received, treated with the antitoxin prepared by the Health Department from September 20, 1895, to April 1, 1901 (five years and six months). A further detailed study of the cases, carefully tabulated, will be found in the admirable report of the Consulting Bacteriologist, Dr. Amand Ravold.

YEAR.	Diphtheria Cases.	Deaths.	Per Cent.	Croup Cases.	Deaths.	Per Cent.	Total Diphtheria and Croup Cases.	Deaths.	Per Cent.	Diphtheria and Croup Cases treated with Health Department Antitoxin. Cases.	Deaths	Per Cent.		Cases.	Deaths.	Per Cent
1889	1030	264	25.63	117	70	59.82	1147	334	32.42							
1890	696	214	30.77	114	64	56.26	810	278	34.32							
1891	754	231	30.63	150	91	60.66	904	322	35.9							
1892	721	243	33.70	159	103	64.77	880	346	39.31							
1893	509	198	38 89	216	133	61.6	725	331	45 65							
1894	967	286	28 91	283	130	49.43	1250	460	35 56							
Total for 6 yrs..	4697	1436	30 57	1019	591	58.00	5716	2027	35 46							
1895	3196	526	16.45	332	163	49 09	3528	689	19 52	342	31	9.06	1895–1896	88	14	36 86
1896	1419	209	14.72	164	82	51.34	1583	291	18.38	144	14	9.72	1895–1897	28	8	28 57
1897	1447	192	13 26	116	62	53 44	1563	254	16 37	336	28	8.33	1897–1898	72	17	23 61
1898	1141	149	13.06	86	53	61.62	1227	202	16.46	282	28	9 93	1898–1899	35	8	22 86
1899	1972	232	11 76	105	45	42 86	2077	277	13.34	485	56	11.55	1899–1900	47	21	44.69
1900	3486	353	10.12	129	65	51.58	3615	418	11 56	758	49	6.46	1900–1901	102	23	22 55
Total for 6 yrs..	12661	1661	13.11	932	470	50.42	13593	2131	15 67	2347	206	8 78		322	91	28.26

Table showing the number of cases of Diphtheria which occurred in the City, with the death percentage; of Croup with the death percentage; of Croup and Diphtheria with the death percentage from 1889 to 1901, and a summary of the results from 1889 to 1895 before the use of antitoxin, and from 1895 to 1901 after the introduction of antitoxin, with also number of cases of Diphtheria and Croup treated with the Health Department antitoxin from 1895 to 1901 with a summary of the results.

Before calling your attention to the salient points of the table, a word or two of explanation is necessary as to why the year 1889 was selected with which to begin it. The reason is that there are no available statistics of croup cases before that date. The consensus of opinion of the best physicians of the world to-day is, that membranous croup, in a great majority of cases, in fully 99 per cent, is caused by the bacillus of diphtheria invading and growing in the larynx. In other words, membranous croup is diphtheria of the larynx — a terrible disease with a fearful mortality percentage. Prior to 1888 its true character was not recognized. It was not included among the notifiable contagious diseases, and consequently physicians reported to the Health Department only the deaths that occurred from it. In 1888 it was declared a contagious disease and was made notifiable, so that our statistics of cases reported by the physicians of the city begin with the year 1889.

It will be seen from the table that there were reported to the Health Department from: —

Year 1889 to 1895.	Cases.	Deaths.	Percentage.
Diphtheria	4,697	1,486	30.57
Croup	1,019	591	58.
Diphtheria and Croup	5,716	2,027	35.46
1895 to 1901.			
Diphtheria	12,661	1,661	13.11
Croup	932	470	50.42
Diphtheria and Croup	13,593	2,131	15.67

CASES TREATED WITH HEALTH DEPARTMENT ANTITOXIN FROM SEPTEMBER 20, 1895, TO APRIL 1, 1901.

	Cases.	Deaths.	Percentage.
Diphtheria	2,025	115	5.68
Croup	322	91	28.26
Diphtheria and Croup	2,347	206	8.78

Diphtheria and Croup percentage from 1889 to 1895	35.46
" " " " " 1895 to 1901	15.67
" " " " " 1895 to 1901, Treated with Health Department Antitoxin	8.78

These statistics clearly show that the death rate from croup and diphtheria has been more than cut in half, reduced over 50 per cent in the last six years. It is not claimed that antitoxin was used in the treatment of every case of diphtheria reported by physicians during the last six years. On the contrary, it is a lamentable fact, but nevertheless true, that quite a number of physicians are not yet convinced of the potency of the antitoxin serum in the treatment of the disease and consequently do not use it. They still have recourse to the so-called "Classical Treatment," a treatment that is to-day as much out of date and as antiquated as the cave-bear or the woolly rhinoceros.

Now what is the reason of this great reduction in the mortality of diphtheria? Is it due to hygienic modes of living and changes in the sanitary surroundings of the individual, or the suddenly acquired vitality, antagonistic to the disease, or to a loss through some unknown influence through the virulence of the diphtheria bacillus, or to all working together? It is to be noticed that the

improvement in the death rate began in 1895, and continued steadily for not one but for six years; that the environment of the people and their mode of living in the last six years has remained practically the same as in the six years before 1895; that the bacillus of diphtheria has not through some subtile terrestrial or atmospheric changes been suddenly robbed of its virulence; for we know, on the contrary, from experiments upon animals which have been carried on in the bacteriological laboratory, that the diphtheria bacilli found in the culture tubes, inoculated from the throat secretions of cases sick with diphtheria, have lost none of their virulence. Further, it is absurd even to claim that the people of this city have through some occult influence suddenly acquired and maintained for six years an increased vitality, antagonistic to the disease. Neither of these causes, nor all combined, will account for the reduction.

If now we turn to the statistics of the cases of diphtheria and croup treated exclusively with the Health Department antitoxin during the last five and one-half years, a more certain and reasonable explanation for the cause of the decrease is shown. In studying these statistics it is to be remembered that a great majority of the cases were among people too poor to pay for antitoxin, of low vitality, living in bad hygienic surroundings, imperfectly fed and poorly nursed; that they were treated by all kinds of physicians, good, bad and indifferent, and not by physicians of the Health Department skilled in the treatment of this disease with antitoxin and consequently prejudiced witnesses in its favor. Furthermore, every case of death that occurred, in which antitoxin was used, is here recorded whether or not the patient was hopelessly diseased when injected and died within a few minutes after receiving the remedy.

Number of diphtheria and croup cases treated with the Health Department antitoxin 2,347, deaths 206; per cent 8.78. Before the introduction of antitoxin the mortality per cent for the city was 35.46. If of these 2,347 cases 35.46 per cent had died, there would have been 832 deaths; 206 deaths in cases treated with antitoxin taken from 832 deaths in cases treated without antitoxin, leaves 626 lives to the credit of antitoxin. But that is not all that can be said in favor of antitoxin. Intimately associated with the 2,347 cases were one or more persons, many of whom were immunized by receiving injections of from 200 to 3,000 units of antitoxin, and although physicians have neglected to make returns for all of the cases in which our antitoxin was used for immunizing purposes, we nevertheless have histories from 1,559 cases in which it was used. Of these cases thirty-three only contracted the disease, and all promptly recovered after receiving a curative dose of antitoxin serum. Among the 1,559 persons intimately associated with diphtheria cases, it is fair to presume that fully one-half would have contracted the disease if they had not been immunized, and if, as in the pre-antitoxin period, 35.46 per cent had died, we would have had 276 deaths to record; add these to 626 saved by the use of antitoxin and we have 902 lives to be credited to the curative power of the antitoxin prepared and distributed free by the Health Department in the last five and one-half years.

Applying the same arguments to all the cases of croup and diphtheria treated before the days of antitoxin and after its introduction, and we have —

1889 to 1895,	5,715 cases,	2,027 deaths,	35.46 per cent.
1895 to 1901,	13,594 "	2,131 "	15.69 "

If the 13,593 cases of the last six years had been treated as in the days before antitoxin, it is reasonable to believe that there would have died 35.46 per cent or

4,820. During the last six years 2,131 deaths occurred; these taken from 4,820 deaths leave 2,689 deaths that would have occurred had antitoxin not been used in the treatment. It is to be noted here that no account is to be taken of the number of persons intimately associated with these cases that were prevented from taking the disease by immunizing injections.

There is, however, another phase of this question which must not be overlooked, and that is, that remarkable as are the results obtained in treatment of diphtheria from 1895 to 1901, they would have been vastly better had antitoxin been more freely used in all cases. If nearly three hundred physicians of the city can cure over ninety per cent of all cases of diphtheria treated by them, among the very poorest and lowest class of people, with the Health Department antitoxin, clearly every physician of the city can do equally as well among the better-to-do classes by the prompt use of any reliable brand of antitoxic serum.

The gratifying results shown in the great reduction of the mortality in diphtheria throughout the city is a high tribute to the enlightenment and progressiveness of the physicians of St. Louis in the proper use of antitoxin. In the face of such figures as herein recorded, the most obstinate opponent of antitoxin must certainly hesitate; and if theoretical objections still place him among the small minority of disbelievers in its marvelous virtues, it is his unbounded duty when called upon to treat a case of diphtheria, to either gracefully retire from the case or call to his aid a practitioner more experienced than himself in the use of the remedy. It is well to remember and weigh carefully the statement of the great Dr. Virchow, a former opponent of antitoxin, who, when contemplating the results of antitoxic treatment in the hospitals of Europe, declared: "All theoretical considerations must give way before the brute force of these figures, and I consider it the duty of every physician to use a remedy giving such clinical results."

From my own experience, from the experience of the best clinicians of the world, from animal experiments and from the literature of the world, I am firmly convinced that in the antitoxin serum for the treatment of diphtheria we have the greatest remedy for a disease ever discovered by man; and for that reason, I feel it my solemn duty to call the attention of the public, to the men and women who employ and pay physicians, to the great preventive and curative virtues of the remedy, with the hope of educating them up to the necessity of demanding its use in every case of diphtheria that occurs among them.

EPIDEMIC CEREBRO-SPINAL MENINGITIS.

The admirable records of Assistant Health Commissioner, Mr. Charles W. Francis, show that from time to time, St. Louis has been visited by severe epidemics of Cerebro-Spinal Meningitis. In searching through the reports of the Health Department, however, I am unable to find any information whatever relating to these epidemics, so that when, in January, 1899, it became evident to me that we were about to have another visitation from this dread malady precipitate upon us, I decided to make an effort to collect and tabulate, for future reference, all the available evidence that I could collect on the subject. With that end in view I had a circular printed, asking about thirty questions, and sent it to every physician who reported a case of the disease, requesting him to please fill out the blank spaces carefully at the termination of the case.

The following is the circular: —

Max C. Starkloff, M. D.,
Health Commissioner.

Max Kaufman,
Clerk Health Commissioner.

CITY OF ST. LOUIS.

HEALTH DEPARTMENT.

ST. LOUIS, MO.....189..

Doctor.....

Residence.....

In order to enable us to obtain the fullest information available as to the symptomatology in the epidemic of Cerebro-Spinal Meningitis now in our midst, will you please be so kind as to furnish the information requested below of the patient that was under your care?

MAX C. STARKLOFF, M. D.,
Health Commissioner.

Name..... Age..... Sex..... Location..... Sanitary condition of surroundings..... Reported by you..... (Date) ..... How long did the disease continue?..... 1. What conditions that suggested Cerebro-Spinal Meningitis were present, and on what days were they noted?..... 2. Chills..... 2. (*a*) Was the sign of Kernig present or absent?..... 3. Alimentary system: tongue, oesophagus, (difficulty of deglutition) stomach (vomiting projectile)?..... 4. Intestines: diarrhoea, hemorrhages, etc..... 5. Skin: herpes, labialis, color, eruptions, tache cerebrale..... 6. Nervous system: pain (headache, frontal, occipital) of trunk and extremities, spine, hyperaesthesia, retraction of head..... 7. Sensorium: restlessness, irritability of temper, hallucinations, delirium, convulsions, coma..... 8. Motor disturbances: Paralysis — Total or partial, complete or incomplete..... 9. Tremors..... 10. Reflexes: Knee jerk, cremasteric, tricipital..... 11. Respiratory: Epistaxis, bronchitis, pneumonia, etc..... 12. Circulatory system..... 13. Urinary system: Albumen, diazo reaction, sugar, etc..... 14. Pulse and Temperature: (daily, if possible, or some general idea of its range)..... 15. Facial aspect..... 16. Special symptoms: eyes, ophthalmoscopic examination, pupiliary symptoms, nystagmus, strabismus, paresis of muscles, etc..... 17. Ear troubles..... 18. Lesions of nasal and pharyngeal mucus membranes..... 19. Abdomen: retraction, tympanitis, splenic enlargement, gurgling in iliac fossa, tenderness..... 20. Joint affections..... 21. General course of the disease..... 22. Relapses..... 23. Post-mortem..... 24. Remarks.

.....M. D.

From January 11th until April 1, 1899, one hundred and twenty-nine (129) cases of the disease were recorded, and from these cases we received over one hundred (100) histories: —

CEREBRO-SPINAL FEVER.

1898.	Cases.	Deaths.	1898.	Cases.	Deaths.
April	8	8	November 2d	1	0
May	0	0	December 12th	1	1
June	4	4	1899.		
July	4	1	January	13	2
August	2	2	February	38	19
September	0	0	March	78	41
October 6th	1	1			

In studying these histories we have found it necessary, however, to discard quite a number, owing to the fact that either the questions asked were very imperfectly answered, or the disease described was manifestly not epidemic meningitis. After this weeding process ninety (90) cases remained, and from them I have prepared the following graphic chart, which shows at a glance the essential points in the symptomatology of the disease: —

The disease was widespread throughout the City, and, with the exception of one case, there was no evidence to show that it is a contagious disease. The one exception occurred in the practice of Dr. George M. Tuttle. A young woman, recently married, returned to her home from a two weeks' visit to Kansas City; she complained of not feeling well and went to bed. Dr. Tuttle was called in and on the second day of the disease diagnosed it as Epidemic Cerebro-Spinal Meningitis. Her husband, a young healthy man, in his affection for her, gave up his work and devoted his whole attention to her, sitting most of the time at her bedside holding her hand or lying upon the bed beside her. He was in intimate contact with her all the time. At the end of forty-eight hours, during which time he was greatly worried and slept very little, he was taken sick with unmistakable symptoms of the disease. Both died and were buried together.

An interesting case occurred at the City Hospital. A young woman, seven months pregnant, was admitted to that institution, sick of the disease; she died and a post-mortem showed all the pathologic evidence of the disease. The fœtus in utero was examined and evidence of the disease was also found in its brain and spinal cord. A microscopic examination of the spinal fluids of the fœtus showed a diplococcus within the leucocytes. This micro-organism was separated out in pure cultures and proved to be the micrococcus intra-cellularis meningitidis. The diplococcus was also found in the spinal fluid of the mother before and after death. This is the first case on record proving that the micrococcus intracellularis can pass from a diseased mother, through the placenta and infect the child in utero. (For further details see the Philadelphia *Medical Journal*, September 2, 1899, page 415, "A Case of Epidemic Cerebro-Spinal Meningitis" — by R. B. H. Gradwohl, M. D.)

Epidemic Cerebro-Spinal Meningitis is an accute, infectious disease, localized in the cerebral and spinal membranes, and depending very probably upon the activity of the micrococcus intra-cellularis meningitidis of Weichselbaum. The causative factor, the meningococcus, has been found in the secretions of the nose of those sick of the disease, and also in healthy persons in intimate contact with the diseased. It is therefore thought that the nares may be the port of entry for the micro-organism and thence find its way along the sheaths of the olfactory nerves to the meninges.

It will be seen from the chart that fifty-three (53) of the cases were males and thirty-five (35) females; twenty-five (25) were under five years of age, and thirty-six (36) under ten years, fifty-six (56) under twenty-five years; fourteen (14) over twenty-five, and in twenty (20) the age was not given. The youngest was a child seven days old, and the oldest a woman of sixty-eight years.

A glance at the chart will show the most prominent symptoms. Headache of some character occurred in all of the cases; in forty (40) it was occipital, in thirty-one (31) frontal, and in the remainder, not localized to any part of the head or face; it was the earliest of all symptoms. All parts of the head were at some time affected, and the pain was of a sharp, splitting character, and persisted throughout the attack. It was always paroxysmal and sometimes so severe as to cause the patient to scream with pain.

In seventy-five (75) cases there was retraction of the head; it came on gradually and generally persisted until death, and receded slowly on recovery.

In seventy-two (72) cases eruptions of some character occurred, principally Herpes on the lips or face. (It is of distinct diagnostic significance, but has no prognostic value as to the severity of the attack.)

Vomiting was an early symptom and occurred in fifty-four (54) of the cases; in eighteen (18) it was projectile. (It was one of the earliest manifestations of the disease, being rarely attended with pain, and continuing during the early part of the attack, generally disappearing towards the close.

In fifty-two (52) cases difficulty of deglutition was observed, and in a great majority, in which it occurred, death followed.

Chills are recorded in forty-two (42) cases; they occurred early in the disease and were of varying degree of severity, the great majority being chills running up and down the spine, not of long duration.

In seventy-four (74) cases the surrounding conditions are given; in twenty-six (26) it was good, in eighteen (18) fair, in thirty (30) bad. It would seem that unsanitary surroundings, misery, exhaustion and worry with intense cold, favor the disease.

The sign of Kernig is recorded in only fifty-seven (57) cases, the fault being that very many physicians were not acquainted with it. This fact was not discovered until several histories were received with letters asking, "What is the sign of Kernig?" All subsequent circulars contained a printed slip describing the sign and how to test for it. It was invariably reported as present after the instructions went out, so that, like Herrick, we feel "that the sign of Kernig is as pathogomonic of meningitis as the rose spots of tyyhoid fever, or the murmurs of endocarditis." Restlessness and irritability was a marked feature occurring in sixty-one (61) cases.

Delirium occurred in fifty-one (51), coma in forty-three (43), and convulsions in twenty-seven (27) cases.

Retraction of abdomen occurred in seventy-six (76) cases. There was opisthotonus in twenty-eight (28), and orthotonus in six (6) cases.

Lumbar puncture was performed in thirty-seven (37) cases, and was followed in a few cases by some amelioration in the symptoms. It is a surgical procedure easily executed, and a valuable diagnostic measure.

In forty-eight (48) cases the micrococcus intracellularis meningitidis was found, and in one case the pneumococcus or micrococcus lanceolatus.

The general course of the disease in fourteen (14) cases was very abrupt; in twenty-six (26) rapid, in twenty-eight (28) slow, and in ten (10) very slow; twenty four (24) not given. In the very rapid or abrupt cases, the disease was lightning-like in its rapidity; headache, delirium, convulsions, coma, occurring in quick succession, and death following in from eight hours to four days.

In sixty-seven (67) of the cases the disease was severe. Sixty-two (62) or 68.88 per cent died. Twenty-eight (28) recovered.

The temperature in a few cases, mostly in young children, ran high; the average fluctuating between 101 to 103.5, while the pulse in one child ran as high as 190; both, however, are untrustworthy and have little significance in diagnosis.

Thirty-four (34) cases were treated at the City Hospital, the symptoms being kept and recorded according to our circular. The histories of these cases have been compiled and published by Dr. R. B. H. Gradwohl, together with a careful bacteriological investigation into the cause of the disease. (See "Epidemic Cerebro-Spinal Meningitis;" report of thirty-four cases, with especial reference to the bacteriological features of the disease. Philadelphia Monthly Medical Journal, July, 1899.)

The conclusions reached were as follows:—

1. Epidemic Cerebro-Spinal Meningitis is a specific infectious disease.

2. It is mildly contagious.
3. The diplococcus intracellularis meningitis is the prime etiologic factor in the causation of the disease.
4. In all suspected cases of meningitis, lumbar puncture should be resorted to as a means of differential diagnosis between epidemic and sporadic cases.
5. The diplococcus intracellularis is especially pathogenic for dogs and cats.
6. The sign of Kernig is pathognomonic of meningitis.
7. Epidemic Cerebro-Spinal Meningitis can be transmitted in utero.

SMALLPOX.

During the year 224 patients were sent to the Quarantine Hospital suffering from smallpox; three deaths occurred, and the mortality was 1.3. Although this is an increase of eighty-five over the previous year, I feel that we have been fortunate in escaping a serious outbreak of the disease in view of the fact that it has been prevalent, to a large extent, not only throughout the United States but also in the territory adjacent to St. Louis. On several occasions this Department was called upon to take charge of patients found in the county immediately outside of this city, and quite a large number of persons suffering from the disease found their way here from other States. The cases, as a rule, have been of a mild character, though identical with the more malignant forms and, in fact, the malignant varieties have occasionally developed from the mild types, thus showing conclusively that no error was made in diagnosis.

Every effort was made to prevent the spread of the disease. Suspected cases were immediately isolated at the Detention Ward and carefully watched. If smallpox developed, they were removed to the Smallpox Hospital at once, and their premises t oroughly fumigated. The temperatures of all persons exposed were taken daily until the expiration of the incubation period, and all those found unprotected were vaccinated. As a result of these prompt measures, few cases followed.

Unfortunately, the public were often exposed to individuals suffering from a mild type of the disease. Where medical aid was sought these cases were often treated as chickenpox before their presence was known to the Health Department. There were so many instances where physicians failed to report suspicious eruptions that I found it necessary to address the following circular letter to all practitioners in the City, and hope that, knowing the situation, they will be more careful to report all suspicious cases in the future.

DEAR DOCTOR: There have been about two hundred cases of smallpox in this City since April 1st. Fortunately, the great majority of the cases have been of a mild type, but several deaths have occurred.

The very mildness of the type now prevalent has prevented intelligent action and has resulted in the spread of the disease throughout the City.

Very many of the cases found by this Department have been seen by physicians, no report having been made, as is required by law. The majority have been regarded as chickenpox, but no report of them has been received as such. Our duty in these cases is to prosecute for failure to report. You can appreciate that such action is repugnant to me, but matters have now come to the point where I must insist on your co-operation in this matter.

If you have an eruptive case, where you have any doubt as to its character, we will be glad to see the case with you and assume the responsibility of the diagnosis. I intend, hereafter, to prosecute to the extent of the law, any physician attending a case of smallpox and not reporting the same.

With this fair warning no one can complain if such action should become necessary against him.

We trust, Doctor, that you will give the Health Department your aid in meeting this problem. Following is the law on the subject:

Art. 17, Section 799, Rev. Ord. 1900: —

"It shall be the duty of each and every practicing physician of the City of St. Louis to immediately report to the Health Commissioner of the city each case of smallpox, typhus fever, croup, cerebro-spinal fever, diphtheria, erysipelas, measles, puerperal fever, scarlatina, typhoid fever, yellow fever, whooping cough, cholera and chickenpox which he may see or be called upon to attend within the limits of the city."

Section 800: —

"In reporting cases of contagious, infectious and pestilential diseases, the physician shall be required to give the name and residence (street and number), age and color of each case."

Section 803: —

"Any physician violating any of the provisions of this article, or failing to perform the duties required of him by this article, shall be deemed guilty of a misdemeanor, and upon conviction shall be fined not less than fifty nor more than two hundred and fifty dollars, to be recovered for the use of the City of St. Louis before any court having competent jurisdiction."

Respectfully,

MAX C. STARKLOFF, M. D.,
Health Commissioner.

VACCINATION.

The experience of this Department in the treatment of smallpox at the Quarantine and Smallpox Hospital during the past few years should convince the most skeptical of the value of vaccination as a means of checking the spread of the disease. During the fiscal year just closed 224 patients were treated, and of this number only three deaths occurred as a direct cause of variola; the mortality being 1.3%. Last year the cases numbered 139, and the mortality was 1.4%. These two years have presented a remarkably small death rate, as most authorities have given the mortality from smallpox as 25 to 30 per cent. The persons suffering from the disease were well protected by vaccination, thus lessening its virulency. It is well known that in countries where vaccination is compulsory, variola is not nearly so prevalent as in unvaccinated communities. It is my intention to have a bill introduced into the Municipal Assembly the present year making it compulsory in St. Louis. While it does not often happen that the Department experiences much difficulty in convincing our citizens of the benefits of vaccination and the protection it affords the community, still if a law were passed considerable time would be saved by not having to educate the public to an appreciation of its value.

During the year 84,460 quills were purchased, and this number about represents the number of vaccinations made by the Department, with the exception of a few points delivered to physicians for use in private practice.

Free vaccination was extended to the public at the Health Department, and several vaccine physicians were steadily employed to vaccinate the employes of mercantile and manufacturing establishments; in fact, they were sent to vaccinate in any locality where the community was exposed to smallpox. Instructions were issued to the superintendents of all the institutions of the City to vaccinate all patients under their care, and the jail and calaboose were visited daily by a physician from this Department.

The field was gone over and over again so that unsuccessful primary cases could be tried again, and I feel that the work has been well done.

NEW QUARTERS.

The question of providing quarters for the Health Department should be given consideration, since the sale of the old City Hall, which may occur at any time, might make it necessary to abandon this location.

When the new City Hall was completed, after considering the matter care-

fully, I finally decided not to occupy the offices assigned to the Health Department. The rooms, while excellent ones, could not be made convenient for our use.

The Health Commissioner's office, Sanitary Division, Mortuary Record Clerk and the Fumigating Department should be close together, the business of each being closely interwoven and matters come up daily upon which the Health Commissioner is required to act.

The Health Department in general and especially the Dispensary should not be in the same building with other Municipal Departments, for the reason that the class of people who visit them are neither pleasant to contemplate nor entirely safe at times to come in contact with; in addition, there is kept in readiness, day and night, from two to ten ambulances to answer calls and in the new City Hall there is no place to keep them.

The Sanitary Division is now located in the old hall in offices far superior in every way to the miserable place in which it was formerly located, and the City will save $1,000.00 a year in rent by the change.

The vacating of the old building has enabled us to relieve the somewhat cramped condition of our offices, and we are now in such convenient shape that I believe it advisable to remain here until such time as the City can provide a separate building for the Health Department, as was originally intended when the new structure was planned. A site for this purpose could be procured close to the new City Hall at a reasonable figure and my idea is, if this is done, to have a three story building planned to accommodate the Dispensary on the ground floor, the offices of the Health Commissioner, Board of Health, Sanitary Division and City Chemist on the second floor and an Emergency Hospital on the third floor, making an ideal and permanent arrangement.

PLAGUE SPOTS OF A LARGE CITY.

The plague spots of a large city are to be found, to a considerable extent, in the alleys; if they are in a filthy condition, the garbage, manure, etc., is allowed to accumulate, making such places reeking pest-holes.

Unpaved alleys are always to be found in the worst condition, owing to the fact that the Street Department, by the ordinances of the City, is not required to clean them, and, therefore, being neglected, they offer a convenient place for the accumulation of filth.

I had a list prepared of some four hundred and five (405) alleys located in blocks closely built up, in which no sewers have been put down, and forwarded the same to the Street Department with a recommendation that they be paved.

As the law makes it the duty of the Street Department to clean paved alleys it would be to their interest to see that anything likely to produce filth is not allowed to accumulate. Furthermore, property owners and tenants would be encouraged to keep the alleys in the rear of their premises in a cleanly condition, which under existing conditions in some sections of the City it is impossible to do when they are not paved. Nothing is more necessary, and it is essential, in the interest of the public health, that the recommendations made in regard to the improvement of alleys be given serious consideration.

This Department has no means at its command, or authority to clean alleys, or to abate nuisances of any kind on public property. It can only call the attention of the Street Department to the condition of the streets and alleys and make recommendations that nuisances when found, be abated; but in the

case of the City, it cannot compel the head of a Department to take any action. When existing on private property, however, the Department has the power to condemn such matters as a nuisance, order their abatement, and where the order is not complied with, the parties can be prosecuted under the law.

There should be either power placed in the hands of the Health Department which would enable it to compel the heads of the Street and Sewer Departments to keep the public property under their charge free from nuisance, or the Health Department should be given a fund which could be used for the purpose of having dangerous and objectionable nuisances removed from public property. Such a fund would materially assist the Department in giving the public relief in matters above mentioned, which are frequently complained of.

CITY CEMETERIES.

The establishment and retaining of cemeteries inside the city limits is, from a sanitary point of view, a very serious problem, and it is a question that of late years has excited a very general and thorough discussion by the Health and Municipal Authorities, both in this country and in Europe. By the decomposition of human bodies, the soil becomes polluted, and this necessarily contaminates the air and water. The process of decomposition commences soon after death, and the action is more or less rapid depending on the climate, the nature of the soil, and the manner in which the body has been buried. The products of decomposition of bodies are carbonic acid, carbureted and sulphureted hydrogen, ammonia, nitrous and nitric acids and other gaseous compounds. Many instances could be cited where epidemics of different diseases have been attributed to the putrid emanations from cemeteries and the exhumation of bodies has often given rise to serious trouble. The practice of maintaining graveyards in cities has been going on for many years, but the pernicious effects of this custom have become in recent years very evident. Within our own city limits there are now existing some sixteen cemeteries; some of these, like the Rock Springs Cemetery at Sarah and Duncan avenue, have been abandoned for years; and others are now almost completely filled up, and further burial in these should be prohibited. Some of these cemeteries were established years ago, and when they were located they were far distant from the dwellings of our citizens; the growth of the city brought these in what is now closely built up portions of the city, and the continuance of these places as burial grounds is, I believe, a serious menace to health, and there should be some legislative regulation concerning their continuance, and providing for their removal. Among those of our citizens who have their loved ones interred in these cemeteries, I know there is a strong and very natural sentiment against having the remains disturbed, but I believe that the welfare of the living should be first considered, and the work of removing the bodies should be done in a manner, the least harrowing to the feelings of the living. A number of years should be allowed to elapse before graveyards should be disturbed for the purpose of removing the bodies, and when removed, all proper precautions should be observed. I recommend that the Municipal Assembly provide by ordinance for the closing of all cemeteries within the city limits, which are becoming overcrowded, providing for the removal of the dead bodies, all unused and abandoned cemeteries, and that no cemetery hereafter be allowed to extend its limits unless the matter has been carefully examined and meets the indorsement of the Health Authorities.

BUILDING FOR THE FEEBLE-MINDED AND EPILEPTICS.

Each year a number of applications are made for the care of feeble-minded children and epileptics, and in the absence of a proper institution for their care, it makes it extremely difficult to provide for these patients.

I have never failed in my annual reports to point to the incongruity of sending imbecile children to an institution for the insane, and only in extreme cases are they sent to the Insane Asylum. They should be cared for separately, and by an inauguration of methods, such as are in vogue in schools and homes for imbeciles, this class of unfortunates could be developed and their condition improved; but so long as it is necessary to take care of them in connection with the insane we can hardly expect to obtain the desired results in their treatment.

Other cities have institutions for the feeble-minded and epileptics, and St. Louis will not be able to lay claim to a foremost position among the truly enlightened commonwealths until provision is made for such institutions.

Provision has been made by the State for feeble-minded and epileptics. The buildings are now in course of construction at Marshall, Mo., and while patients are accepted from St. Louis, I doubt very much whether the capacity of the institution will make it possible to receive the number which our city is called upon to care for. At present, I am informed by the management, that only five (5) patients can be accommodated from this city. For this reason I believe that St. Louis should have an institution of its own for the care of these unfortunates.

CITY DISPENSARY.

The City Dispensary is required to treat and furnish medicines to the indigent sick who are dependent upon the City for aid, issue permits for all who desire admission to the eleemosynary institutions and respond to all ambulance calls, emergency or otherwise. The Chief Dispensary Physician is required to examine all patients for whom application to the Insane Asylum is requested, investigate reported cases of smallpox and institute measures to check the spread of the disease, together with such other duties as the Health Commissioner may designate. These important duties in addition to the routine work of the office, give the head of the Division considerable responsibility.

Dr. Jordan has rendered excellent service and to his energy and ability may be attributed the success which the Department has met with in preventing a serious outbreak of smallpox. He has managed the affairs of his office in a highly satisfactory manner and so systematized the work that good results have been obtained.

During the year 34,193 patients were treated, of which number 23,885 were medical and 10,308 surgical cases; 11,870 were admitted to the institutions, in addition to the above number, making a total of 45,563 persons handled through the Dispensaries.

The abuse of the Charity Prescription fund has been reduced to the minimum by the vigorous enforcement of a rule adopted by me, limiting the treatment of patients to the indigent sick. No drugs are dispensed to any one but patients and then only upon a prescription signed by Dr. Jordan or one of the Assistant Physicians.

The City is still being imposed upon by neighboring cities and towns that persist in sending their pauper sick here for treatment or admission to our hospitals. The practice could be discouraged if the Department were in a position to return non-residents to their homes, and I would, therefore, recommend that

a small fund, say $500.00, be provided to be used in purchasing transportation for this purpose.

The ambulance service was called upon for a large amount of work, as shown by the number of calls answered and miles traveled; being 10,782 and 40,969, respectively. Because of lack of funds the ambulances were not kept in the best repair. As a matter of economy, a fund sufficient to keep them well painted should be provided.

CITY HOSPITAL.

The annual reports from this institution prior to Dr. Nietert's incumbency were, as a rule, of little value or interest to the community, dealing almost entirely with matters pertaining to the administrative affairs of the hospital, and neglecting to say anything about the scientific work accomplished. The present Superintendent, however, no doubt appreciating the value and interest of such information to the medical profession and the public, has made the medical work of the institution the main feature of his report. He gives a complete summary of the laboratory work carried on during the year, as well as the histories and treatment of patients who suffered from various diseases.

Dr. Nietert is entitled to credit for having added to the hospital the equipment necessary for a scientific verification of clinical diagnosis. No hospital can claim to be abreast with the times without these facilities, they being essential for the intelligent and competent treatment of the sick. In spite of these facilities, the Superintendent has labored under difficulties and has been hampered in his effort to improve the hospital and give the public the best possible service, for want of necessary improvements and a sufficient number of employes, especially nurses. There is not a ward in the hospital that has the required number of nurses and attendants; the present amount allowed by the Municipal Assembly for salaries not being sufficient.

The need for an improved isolation ward entirely separate from the main building has been appreciated for some time, especially last year when an unusually large number of patients suffering from contagious diseases had to be cared for. Aside from the serious objection to placing this class of patients in a ward in the general hospital, the institution is so overcrowded that it is difficult to find room for them. However, in my opinion it would be a useless expense to provide this much-needed addition on the grounds of the present temporary quarters, even though the space were available, in view of the fact that the plans for the new hospital contemplate provision for these cases.

While the present quarters are in fair shape, considering that the building was not originally intended for hospital purposes, it is at best only a makeshift, and I hope that an early completion of the new hospital will make it possible to vacate them very soon, so that our hospital facilities will compare favorably with any in the country.

The World's Fair will bring thousands of strangers to our city and the number that will seek admission to our institutions will naturally be increased to a very large extent. Therefore, some steps should immediately be taken to make proper provision for their care.

During the year 9,375 patients were treated, or a daily average of 534.

INSANE ASYLUM.

The report of the Superintendent of the Insane Asylum for the fiscal year ending March 31, 1901, is a very interesting document. Dr. Runge has not confined himself to dry facts relative to administrative improvements, etc., but

has given a vivid picture of the life of the poor unfortunates under his care, and the different forms of insanity with which they are afflicted.

The institution, as in the past (during the incumbency of the present Superintendent), has been admirably managed. The work accomplished by him shows that no time or energy has been spared to make it compare with the best hospitals of its kind in the United States; and these rapid strides have been made in spite of the fact that the funds provided for special improvements have been very limited, — especially last year, when the City's finances were in such a deplorable condition that the eleemosynary institutions were obliged to be content with sufficient appropriations for their absolute needs in the way of clothing, food, etc., without expecting provision for needed improvements.

The patients have received the same careful attention as in previous years. Through Dr. Runge's personal efforts the fund for entertainments was continued in spite of the low ebb of the City Treasury; the honorable members of the Assembly no doubt appreciating the pleasure derived by the patients through the judicious expenditure of this fund for the purpose of giving them a little entertainment in the way of picnics, music, etc.

I regret that no relief from the overcrowding of the institution has thus far been afforded, although the congested conditions have been mentioned time and again in all the previous reports of the Department. Each year finds the daily average number of patients increased to an alarming extent, and in view of the World's Fair to be held in 1903, which will without doubt increase to a large extent the number of patients, both sick and insane, that our City will be called upon to care for, I feel doubly obligated to again call attention to the need for immediate relief. To give you an idea of the present conditions, I give below the daily average increase of patients since 1895–6 as follows: —

1895–6	daily	average	380
1896–7	"	"	446
1897–8	"	"	516
1898-9	"	"	554
1899–00	"	"	631
1900–01	"	"	659

I believe that the seriousness of the situation can be more thoroughly appreciated when it is known that the building in which the patients are housed was built for the accommodation of 330.

To relieve this overcrowding, my former recommendations have been to remove the paupers from the Poor House and utilize the latter institution for the incurable insane as an annex to the Insane Asylum. I believe this to be the most feasible and economical plan, as there are now housed on the Poor House grounds more insane than paupers, and quarters for the latter class of patients could be provided at a very small expense. This matter should receive immediate and serious consideration from the proper authorities.

The expenses of the institution were kept well within the appropriation allowed for the year, and the strictest economy, consistent with proper management, was exercised.

The Superintendent makes numerous recommendations for appropriations to provide for special repairs and improvements. They meet with my approval and will ask the Honorable Municipal Assembly to give them careful consideration.

FEMALE HOSPITAL.

The report of the Superintendent of this institution gives in detail the work accomplished during the year. Unfortunately, owing to lack of funds, it became necessary for the Municipal Assembly to reduce the appropriations for the several accounts and, as a consequence, many needed supplies had to be dispensed with. Dr. Hawley states that the required amount of drugs and surgical instruments could not be obtained owing to the small appropriations allowed for these articles.

The Superintendent of the institution is held responsible for the proper treatment of the sick under his care, but it can hardly be expected of him to get the best results when limited funds are provided. I feel sure that if the money is available, the honorable members of the Municipal Assembly will treat this institution liberally in the matter of appropriations for the coming year.

There were 2,392 patients treated during the year. The daily per capita cost of maintenance was $.6941; including employes, the cost was only $.5584. These figures take into account all expenses incurred, such as improvements to buildings, salaries, house furnishing goods, etc. The daily cost of sustenance was 22c.

The hospital is still badly in need of a building to be used for patients suffering from contagious diseases. The Superintendent states that at the present time but two small rooms are available in the main building which can only accommodate four patients, while very often there are fifteen or twenty cases in the institution at one time, and it is impossible to isolate them properly. Often it becomes necessary to move patients from the large wards to cots located in the halls, in order to make room for contagious diseases. This class of patients should not be housed in the main building. They not only crowd the present limited capacity of the building, but subject the other inmates to the danger of infection. If a one-story frame building were provided they could be properly isolated. Under present conditions the danger of an epidemic from these diseases is always present. The Building Commissioner estimates the cost of this structure at $2,500.00, and I would urgently recommend that this sum be appropriated by the Municipal Assembly.

There are several other important improvements needed, which, if made, would greatly improve the condition of the hospital, and I hope that the recommendations of Dr. Hawley will be given careful consideration.

POOR HOUSE.

When writing in connection with this institution, the first thought is the crying need for increased quarters, in order that the congested condition of the buildings may be relieved. Although this subject has been discussed in all of my previous reports and has without doubt been touched on by my predecessors, the situation becomes more aggravated each year with the increasing number of patients to be cared for, that I feel it my duty to draw the matter to the attention of the proper official in the hope that some relief may be afforded.

The Insane Department of the Poor House is an annex to the Insane Asylum and supposed to harbor the incurable insane, but lack of room makes it possible to transfer but very few patients. I beg to reiterate my former recommendations that the paupers be removed to other quarters, so that the building on the Poor House grounds can be used for the insane only. If this were done the Insane Asylum would be relieved from the necessity of caring for a daily average of about 680 patients in a building which was originally planned

to accommodate about 350 inmates. This in my opinion is the solution to the question of how to provide additional room, and the change could be made at a very small expense.

The bakery, as usual, was a paying institution. A total of 1,005,705 pounds of bread was supplied to the City Jail, City Hospital, Insane Asylum, Female Hospital and Poor House at a cost of 2 1-2 cents per pound for all but the Poor House, which institution paid net cost of production ($.02316) for amount of bread used, *i. e.*, 506,616 pounds. The net profit for the year was $1,643.55. A detailed statement of receipts and expenditures accompany the statistical data in Part Two of this report.

No funds were provided for the purchase of additional cows for the dairy, although I repeatedly called the attention of the Comptroller to the matter, suggesting that with a healthy herd the dairy could be made to pay a profit and that the institutions could be supplied with milk at a lower price per gallon than the City is now paying to private concerns under contract, and the quality of milk would be much better. With the approval of the Comptroller the dairy was abandoned some time during the early part of the year, and the eleven cows and one bull on hand were condemned and sold. It was found unprofitable to continue with only a few animals, as a sufficient supply of milk could not be obtained.

I am in favor of reopening the dairy and will again recommend that at least two thousand ($2,000) dollars be provided for the purchase of a healthy herd of cows.

The general appearance of the Poor House since Mr. Remmers became Superintendent has very much improved, and he makes many suggestions and recommendations in his annual report, which, if acted upon, will be of great benefit to the inmates. They meet with my hearty approval.

QUARANTINE AND SMALLPOX HOSPITAL.

This institution has been ably managed by Dr. M. C. Woodruff, the present Superintendent. His treatment of the patients under his care has been such that nothing but commendation is heard from those who have been confined at Quarantine. He treats them kindly, gives them the very best medical attention, and sees that nothing is wanting to make them as comfortable and contented as possible. As a result the feeling of horror which took possession of a person at the very thought of being sent to the "Smallpox Hospital" has disappeared to a great extent. This change of sentiment has greatly assisted the Department in handling the disease.

During the year 224 patients were treated. Of this number three deaths occurred, and the death rate was 1.3%. The previous year 133 patients were treated, with two deaths. The death rate at this institution for several years, especially the last two, has been exceptionally favorable, — in fact I know of no institution in the country where the mortality has been so low.

I desire to congratulate Dr. Woodruff upon the excellent showing and to express my appreciation of the manner in which he has conducted his institution. I wish to say further, that these good results have been attained in spite of the fact that he has been greatly handicapped for want of facilities with which all modern hospitals should be provided.

Last year an appropriation of $2,000 for an artesian well was requested, but no provision was made to relieve the institution from having to get its water supply from the river. At Quarantine the water is so polluted with refuse

from the sewers whch empty into the river at points above, that it is unfit for drinking purposes.

The Superintendent makes several recommendations for needed improvements, and I would request that the Honorable Municipal Assembly provide funds necessary to cover their cost. These changes and additions, if made, would make the institution more modern. At present stoves are used for heating purposes; there are no facilities for bathing the patients, the clothes are washed by hand, and the wards are exposed to inclement weather for lack of weather boarding, etc.

It is not at all unlikely that this institution will be taxed to its full capacity until after the World's Fair, in which event you can readily see the necessity for properly equipping the hospital at the earliest possible time.

I.

ANNUAL REPORT OF THE CONSULTING BACTERIOLOGIST.

DEAR SIR: — I have the honor to submit herewith my seventh annual report as Consulting Bacteriologist of the Health Department for the fiscal year ending March 31st, 1901.

The routine work of the examination of culture tubes, sputum, blood and various miscellaneous specimens, besides the preparation of the toxins of diphtheria for the production of antitoxin, and the distribution of antitoxin, is carried on in the Bacteriological Laboratory of the City Chemist's office; while the horses used in the experimental inoculation for the production of antitoxin are still quartered at the Poor House. During the year we have examined 1,826 culture tubes for the diagnosis of diphtheria; 1,395 blood specimens for the diagnosis of typhoid fever; 671 specimens of sputum for the diagnosis of tuberculosis, and a large number of miscellaneous pathological specimens. Besides these a number of test objects were prepared and studied in disinfection experiments carried out in co-operation with the Sanitary Department. The two following tables show clearly and succinctly the results of the work on diphtheria culture tubes and sputum.

Coincident with the introduction of serum therapy and the conviction and assurance of a great majority of physicians of the direct biologic antagonism between diphtheria toxin and diphtheria antitoxin, there has resulted not only an increased demand for the very earliest possible satisfactory diagnosis, but also a more minute discrimination in the diagnosis of the affection. In the pre-antitoxin days the treatment of diphtheria was entirely expectant; rapidity of action and minute discrimination in diagnosis not imperative, as time deliberately settled all doubts. Since the introduction of antitoxin, however, it is absolutely essential to the successful treatment of the disease, that the diagnosis be made at the very earliest possible moment, and that it be correct. The diagnosis of diphtheria is made either clinically or bacteriologically. In the early stages of the disease, diphtheria presents a varied picture and is often extremely difficult to differentiate from other inflammatory throat affections; nevertheless, in a great majority of cases the diagnosis can clinically be accurately made after eighteen to twenty-four hours observation. According to Welch, in 90 per cent. of cases of psuedo-membranous throat affections, which, upon clinical grounds alone would be pronounced true diphtheria, are, in fact, upon bacteriological examination, proved to be genuine diphtheria by the positive demonstration of the diphtheria bacillus. However, there are a number of cases which permit of doubt, and here the bacteriological diagnosis becomes of distinct aid to the clinician. The clinical diagnosis can often be made after twelve to twenty-four hours' observation of a case, while the bacteriological can positively be made in that time. It is true that a slight growth on a culture tube made from a suspected case of diphtheria may show the diphtheria bacillus in from five to six hours, but neither the characteristic form nor the staining peculiarities of the bacillus are nearly so well marked as when the tube has been allowed to remain in the incubator eighteen to twenty-four hours. For this reason it is the practice of this department to

make reports on culture tubes only after at least twelve hours' incubation at 37° C.

It is true that there are certain objections which can be raised against the culture tube, but they are of very small importance in comparison with its very great value as an aid to an early and positive diagnosis of diphtheria, and this is especially so in doubtful cases of the disease, as has been fully demonstrated by the work of this Department. Our experience has again demonstrated, that in suspected cases of diphtheria, too much reliance must not be placed upon the bacteriological diagnosis alone when the question of the administration of antitoxin is involved.

All the emphasis of authority should be placed upon the assertion, that in cases of suspected diphtheria, antitoxin should be administered at once, and not wait for the bacteriological result of the swab culture, for if the case be one of true diphtheria, precious time is gained, and the patient, as a rule, well along on the road to recovery before a positive bacteriological diagnosis can be made; while if the case be one of not diphtheria, no untoward result will follow the injection, as the remedy is practically harmless.

The value of the secondary culture has again been demonstrated as a means of positively deciding when the throat secretions of a patient convalescent from diphtheria are free from the diphtheria bacillus. The importance of this knowledge is too frequently overlooked or ignored, for, if a physician declare a child well of diphtheria without a bacteriological examination, and the bacilli be still present in the throat secretions, the child may return to school and be the means of distributing the disease far and wide among his playmates. Further, upon the expressed statement and declaration of the physician that the child is well, the Sanitary Department is requested to disinfect the house in which the patient resides and to remove placards from the doors. The department does its part of the work efficiently, fumigating thoroughly every part of the house except the throat secretion of the patient, where the bacilli remain alive awaiting transfer to another victim. No physician, no matter how great his skill and acumen, is able, by an inspection alone of the throat of a convalescent from the disease, to positively declare then the diphtheria bacillus has disappeared from it, and just so long as the bacillus remain alive in the throat secretions, just so long is that patient a menace to the public health. Therefore, all cases of diphtheria should be isolated and kept so until the bacillus is proved absent from the nose and throat secretions, by repeated bacteriological examinations. Houses in which diphtheria occur should not be disinfected. nor should placard be removed until the bacillus is proved absent from the throat secretions of those who have been sick with the disease and the swab cultures should not only be made by the attending physician but also by special inspectors of the Health Department. Children should not be allowed to attend school from a house in which a case of diphtheria exists and a child that contracts diphtheria while attending school should not be permitted to return until able to present a certificate from the Health Department, that a satisfactory bacteriological examination has proved the bacillus to be no longer present in the throat secretions.

ANTITOXIN.

We have distributed to 256 physicians and to the following eleemosynary institutions (City Hospital, Female Hospital, House of Refuge and Poor House) 22.850 cubic centimeters of antitoxin (22 quarts) for the treatment of 758 cases

of diphtheria and for the immunization of 276 persons who were in intimate contact with these cases. In my previous reports, I have described in detail the methods used by this department for the production of diphtheria antitoxin. During the year, very little change has been made in the method of preparing diphtheria toxins. We still use bacillus No. 8 of Parke and have adopted to the exclusion of all other methods, that of Theobald Smith in the preparation of the broth; into the broth thus prepared, is sown bacillus No. 8 and grown in an incubator at 37 degrees C, for from 6 to 10 days, filtered, preserved with tricresol and tested, and as a result we have uniformly succeeded in producing toxins of high virulence. There are now four horses at the Poor House all well immunized and receiving the very best of care and attention under the capable management of Superintendent Remmers. They are inoculated by myself frequently and produce without severe punishment antitoxin serum varying in strength from 150 to 250 units to the cubic centimeter. The serum is preserved with 0.4 per cent tricresol. The antitoxin is distributed free to physicians upon request, in liberal quantities, for the treatment of diphtheria among people too poor to pay for the commercial product. Antitoxin sufficient for the treatment of cases of diphtheria is thus supplied free to physicians, upon application, any hour of the day or night, at the City Chemist's office or the three City Dispensaries. The department, however, requests that the physicians shall return a culture made from the throat secretions of the patient in which it is used and a written history of the case on blanks which are furnished for the purpose. The following tables show the results obtained in the treatment of diphtheria with the Health Department antitoxin during the present year and also the results of its use in the immunization of 276 persons in intimate contact with the disease. The tables also show the results obtained with the Health Department antitoxin from September, 1895, to the present date. When it is remembered that the great majority of diphtheria patients treated with this antitoxin were among the poorest and most ignorant people living in crowded and unventilated dwellings surrounded by the most unhygienic conditions, illy fed and improperly cared for, and that these cases were treated not by Health Department physicians, specially skilled in the treatment of the disease with antitoxin, but by all kinds and schools of practitioners, many of whom were timid in the use of the remedy,— the results are highly gratifying.

TABLE I.

TRUE DIPHTHERIA.

Age.	1st Culture			2nd Culture.			3rd Culture.			4th Culture			5th Culture.			6th Culture.		
	Male.	Female.	Not Given.	Male.	Female.	Not Given.	Male.	Female.	Not Given.	Male.	Female.	Not Given.	Male	Female.	Not Given.	Male.	Female.	Not Given.
3 mos	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....
7 "	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
8 "	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
10 "	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12 "	5	4	....	....	2	....	....	1	....	....	....	....	....	....	....	....	....	....
14 "	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
15 "	2	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....
16 "	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
17 "	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
18 "	3	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
20 "	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
22 "	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2 yrs	12	13	2	2	3	....	1	3	....	....	....	....	....	....	....	....	....	....
3 "	18	18	....	7	4	....	2	2	....	1	1	....	....	1	....	....	....	....
4 "	28	27	....	8	7	....	3	3	....	2	....	....	....	....	....	....	....	....
5 "	34	32	..	12	8	....	3	3	....	....	....	....	....	....	....	....	....	....
6 "	35	21	..	6	6	....	3	4	....	2	1	....	1	....	....	....	....	....
7 "	28	25	....	8	8	....	3	3	....	....	2	....	....	....	....	....	....	....
8 "	19	20	....	6	3	....	1	1	....	....	1	....	....	1	....	....	....	....
9 "	15	22	....	4	3	....	1	....	....	....	....	....	....	....	....	....	....	....
10 "	14	12	....	4	3	....	2	....	....	....	....	....	....	....	....	....	....	....
11 "	16	12	....	2	4	....	....	2	....	....	1	....	....	....	....	....	....	....
12 "	11	10	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....
13 "	9	10	....	4	1	....	3	....	....	1	....	....	....	....	....	....	....	....
14 "	5	6	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
15 "	4	6	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....
16 "	7	8	....	2	3	....	1	....	....	1	....	....	....	....	....	....	....	....
17 "	4	7	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....
18 "	3	8	....	2	1	....	....	....	....	....	....	....	....	....	....	....	....	....
19 "	1	4	....	....	2	....	....	1	....	....	....	....	....	....	....	....	....	....
20 "	1	8	....	1	1	....	....	1	....	....	....	....	....	....	....	....	....	....
21 "	1	3	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....
22 "	2	2	....	2	....	....	2	....	....	1	....	....	....	....	....	....	....	....
23 "	4	3	....	2	....	....	1	....	....	1	....	....	1	....	....	1	....	....
24 "	1	5	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....
25 "	....	4	1	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....
26 "	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....
27 "	1	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
28 "	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
29 "	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
30 "	1	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....
31 "	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
32 "	....	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....
33 "	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
34 "	....	2	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....
35 "	....	2	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....
38 "	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
47 "	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
48 "	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
56 "	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
59 "	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
60 "	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Not given	15	5	5	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Totals	318	313	9	79	69	....	28	28	....	10	7	....	2	2	....	1	....	....

Grand Total, 866.

TABLE I "A."

NOT DIPHTHERIA.

Age.	1st Culture.			2nd Culture.			3rd Culture.			4th Culture.			5th Culture.			6th Culture.		
	Male.	Female.	Not given.	Male.	Female.	Not given.	Male.	Female.	Not given.	Male.	Female.	Not given.	Male.	Female.	Not given.	Male.	Female.	Not Given.
2 mos.	1			1	1													
3 "		1																
4 "	1																	
5 "	3	1		1	1													
6 "	2																	
8 "	1																	
11 "	2																	
12 "	4	3	1	2	2			1			1							
15 "		2			1													
16 "		1	1															
17 "			1															
18 "	3			1														
21 "	1																	
2 yrs.	8	18	1	4	6		1	1		1	2							
3 "	17	17	2	6	5		3			1			1				1	
4 "	10	22		7	4		2	2		1	1		1					
5 "	13	20		9	7		6	1		2	1							
6 "	18	16		10	5		1	2			1			1		1		
7 "	18	15	2	7	4		2	2		2			1	1				
8 "	20	14		5	5			2		1								
9 "	12	7	2	1	9		3	2		1								
10 "	8	8		3	5		1	1										
11 "	3	4	1	2	3		2	2						1				
12 "	4	5		3	3		1	1										
13 "	5	9		1	1													
14 "	5	5		1	3		1											
15 "	3	5		5	1													
16 "	2	6		1	3			1					1					
17 "	5	6			2													
18 "	2	8			4		1											
19 "	1	9		1	3			1										
20 "	5	7			3						1							
21 "	2	8		1	3													
22 "	6	1																
23 "	2	7		2	2													
24 "	2	3			3													
25 "	2	9			2													
26 "	4	5		1														
27 "	4	5		1	2													
28 "	3	6		2	1													
29 "	3			1														
30 "	4	9																
31 "	1			1	1													
32 "	2	2									1							
33 "		3																
34 "	1	2			2						1							
35 "	5				1													
36 "	2	3																
38 "		1																
40 "	1	4																
41 "		1																
42 "		1																
43 "	1																	
44 "		1																
45 "	1	1																
47 "	1	1					1											
50 "	1																	
53 "	1																	
56 "	1			1														
58 "		1																
59 "					1													
Not given	8	15	3	3	3													
Totals	235	298	14	84	101		25	19		9	9		3	3		1	1	

Total number of cases showing all positive 1st culture	364
Total of cases showing all positive more than one culture	71
Total of cases showing positive on 1st; negative on subsequent cultures.	201
Total of cases showing all negative (only one culture)	484
Total of cases showing all negative (more than one culture)	43
Total persons examined	1,163

CULTURE TUBES EXAMINED.

	True Diphtheria.	Not Diphtheria.	Inoculation not Satisfactory.
1st Culture	640	547	
2nd "	148	185	
3rd "	56	44	
4th "	17	18	
5th "	4	6	
6th "	1	2	158
Totals	866	802	158

Grand Total, 1,826.

TABLE II.

SHOWING LOCATION OF MEMBRANE.

Right tonsil	21	Larynx	11
Left tonsil	14	Larynx and nose	2
Both tonsils	165	Larynx and tonsils	12
Tonsils and pharynx	159	Larynx and pharynx	7
Tonsils, pharynx and nose	89	Larynx, tonsils and nose	7
Tonsils, pharynx and mouth	1	Larynx, tonsils, pharynx and nose.	34
Tonsils, pharynx and vagina	1	Larynx, tonsils and pharynx	29
Tonsils and nose	21	Absent	1
Pharynx	11	Not given	171
Pharynx and nose	1		
Nose	1	Total	758

Membrane abundant	382	
Membrane not abundant	143	
Membrane absent	1	
Not given	232	
		758

Shows extent of membrane and the physical condition of the patient before antitoxin was administered.

TABLE III.

TIME AFTER ADMINSTRATION OF ANTITOXIN, WHEN CHANGE FOR THE BETTER OCCURRED.

6 hours after administration and under	8
8 " " " " "	1
10 " " " " "	11
12 " " " " "	36
14 " " " " "	2
16 " " " " "	1
18 " " " " "	5
20 " " " " "	8
24 " " " " "	223
30 " " " " "	9

36 hours after administration and under	39
40 " " " " "	2
48 " " " " "	104
3rd day " " " "	40
4th " " " " "	26
5th " " " " "	7
8th " " " " "	1
No change " "	20
Not given " "	215
Total	758

Table III. shows the number of hours which elapsed before changes for the better were noticed in the patient, after the administration of antitoxin. In 56 cases, improvement was noted in 12 hours; in 295 or 38 per cent in 24 hours; in 505 cases or 66 per cent in 48 hours, while in 20 cases, no change for the better occurred, all dying.

TABLE IV.

KINDS OF ANTITOXIN USED.

St. Louis Board of Health	758 cases.
Parke, Davis & Co , with above	11 "
Mulford's, with above	3 "
Behring's, with above	1 case.
Milliken's, with above	1 "

QUANTITY OF ANTITOXIN USED.

500 units injected	1	3,500 units injected	1
750 " "	9	3,750 " "	1
950 " "	1	4,000 " "	6
1,000 " "	31	4,500 " "	30
1,100 " "	2	6,000 " "	11
1,200 " "	3	7,500 " "	3
1,400 " "	1	8,000 " "	2
1,500 " "	353	9,000 " "	4
1,600 " "	1	10,500 " "	1
1,900 " "	1	15,000 " "	1
2,000 " "	20	Not given	29
2,250 " "	15	500 units by mouth	4
2,400 " "	1	1,500 " " "	3
2,500 " "	6	3,000 " " "	1
2,800 " "	1	Total	758
3,000 " "	214		
3,250 " "	1		

PARKE, DAVIS & CO.

1,500 units injected	4
2,000 " "	1
3,000 " "	5
4,000 " "	1
Total	11

JOHN MILLIKEN & CO.'S

4,000 units injected	1
Total	1

BEHRING'S.

3,000 units injected	1
Total	1

MULFORD'S.

2,000 units injected	3
Total	3

NUMBER OF DOSES GIVEN IN THESE CASES.

1 dose	471	14 doses	1
2 doses	209	Not given	31
3 "	32	Per oz., 2 doses	1
4 "	7	" " 3 "	1
5 "	2		
6 "	2	Total	758
8 "	1		

The kind, quality and number of doses of antitoxin are indicated in the table. The number of antitoxin units in the City antitoxin ranged from 150 to 250 units per c. c.

TABLE V.

Age.	Male.	Female.	Age.	Male.	Female.	Not given.
6 months	1	..	16 years	4	1	....
8 "	1	..	17 "	3	1	....
9 "	..	1	18 "	1	6	....
12 "	7	2	19 "	1	5	....
15 "	1	..	20 "	2	1	....
16 "	2	..	21 "	..	1	....
17 "	..	1	23 "	2	1	....
18 "	2	1	24 "	2	2	....
20 "	1	..	26 "	..	3	....
21 "	1	1	27 "	1	1	....
2 years	14	15	30 "	1	3	....
3 "	31	15	31 "	..	1	....
4 "	34	29	32 "	1	..	....
5 "	31	24	34 "	..	1	....
6 "	27	17	35 "	1	2	....
7 "	25	24	36 "	1	1	....
8 "	16	19	37 "	..	1	....
9 "	15	20	44 "	..	1	....
10 "	10	9	52 "	1	..	....
11 "	10	11	Not given	40	50	158
12 "	8	14				
13 "	2	5	Totals	306	294	158
14 "	4	3				
15 "	2	1	Grand total			758

5 years and under	216 = 28 50	per cent.
10 years and over 5	183 = 24.14	"
10 years and under	397 = 52.37	"

TABLE VI.

Recovery rapid	449
Recovery slow	55
Not given	205
Total	709
Deaths	40
Grand total	758

TABLE VII.

COMPLICATIONS.

Paralysis of muscles of speech	4	Slight ptosis	1
Severe joint pains	1	Gastro-enteritis	1
Rash	13	Hysteria	1
Slight paralysis of throat	2	Myocarditis	1
Slight nephritis	6	Pneumonia and bronchitis	1
Pneumonia	1	Neurasthenia	1
Uticaria	19	Mitral insufficiency	1
Abscess at sight of injection	2	Asphyxiation	1
Albuminuria	4	General heart paralysis	1
Bronchitis	3	Partial paralysis of legs and arms	1
Pharyngeal paralysis	5	Diphtheritic conjunctivitis	1
Heart failure	7	Paralysis vagus	1
Slight erythema	3	Gangrene of mouth and throat	1
Slight paralysis of arms	1	Measles	1
Mumps	3	Dyspnoea and aphonia	1
Slight urticaria and paralysis	1	Rickets	1
Slight paralysis of optic nerve	1	Facial paralysis	1
Intense abdominal pains	1	Paralysis of ciliary muscles	1
Congestion of kidneys	2	Urticaria and arthralgia	1
Adenitis	1	Convulsions and erythema	3
Erythema and paralysis of vocal chords	1	Scarlatina	2
Septicaemia and heart failure	2	Stiffness at joints	1
Abscess on left tonsil	1	Paralysis of pharynx and legs	1
Slight joint pains	1		
Paralysis of throat and eyes	1	Total	112

Comments on these tables V, VI, and VII, are unnecessary, as they tell their own interesting stories.

TABLE VIII.

	Cases.	Deaths.	Per cent.
Tracheotomy performed	4	3	75.00
Intubation	16	6	37 50

In one case of tracheotomy, intubation was also performed.

NUMBER OF CASES IN WHICH THE MEMBRANE INVADED THE LARYNX.

Croup cases	102	....	.....
Number of deaths	....	23	.....
Percentage	....	....	22.55
Moribund or dying within 24 hours deducted	8	8	.....
Corrected mortality per cent	94	15	15.96

COMPARISON OF CROUP DEATH RATE, TAKEN FROM REPORT OF SANITARY OFFICER.

Year.	Cases.	Deaths.	Per Ct.	Year.	Cases.	Deaths.	Per Ct.
1893	157	144	91.7	1897	116	62	53.44
1894	250	139	55.6	1898	86	53	61.63
1895	345	167	48.4	1899	105	45	42.86
1896	181	99	54.69	1900	131	62	47.33
1893–1900					1371	771	56.24

This table clearly shows the terrible character of laryngeal diphtheria, or true croup, especially among the indigent poor. In 102 cases, 23 died, or 22.55 per cent; when this percentage is corrected by setting aside those moribund when injected or dying within 24 hours after receiving the remedy, we have 24 cases with 15 deaths, or 15.96 per cent. The table further shows the very great value of intubation when used in conjunction with antitoxin. In studying this table, the insidious character of the disease must be remembered and further that it was in a great majority of cases, as the histories show, among the indigent poor, who from a sense of economy always delay securing medical advice until precious time is lost and life injured past human endeavor.

TABLE IX.

DAY OF DISEASE ANTITOXIN WAS GIVEN AND DEATH PERCENTAGE.

Day.	Number of cases.	Number of deaths.	Per cent.	Number of cured.	Per cent.
1	101	2	1.98	99	98.02
2	311	14	4.50	297	95 50
3	140	11	7.86	129	92 14
4	45	4	8.89	41	91.11
5	20	3	15.00	17	85.00
6	4	0	0.00	4	100 00
7	4	2	50.00	2	50 00
8	1	0	0.00	1	100 00
9	1	1	100 00	0	0.00
14	1	1	100.00	0	0.00
Not given.	130	11	8 46	119	91.54
Total	758	49	6 46	709	93.54
Moribund or dying within 24 hours, deducted	13	13	....	.....	....
	745	36	4 83	709	95.17

This most interesting table shows clearly that there are two essential factors in the treatment of diphtheria with antitoxin. First, that antitoxin must be used at the very earliest moment after the diagnosis is made, and secondly that the remedy must be used boldly and with a liberal hand.

TABLE X.

No.	Bacteriological Diagnosis. Made	Not Made	Clinical Diagnosis.	Day of Disease Antitoxin Administered.	Location of Membrane.	Quantity of Antitoxin Administered.	Age. Male.	Age. Female.	Intubation.	Tracheotomy.	Causes of Death.
1	1	.....	Diphtheria	2	Larynx.	Units. 1,500	.....	Not given.	Yes.	Yes.	.....
2	1	.....	"	3	Tonsils, Pharynx and Nose.	3,000 and 1,500 Millkens.	.....	4 years.	.....	.....	Case gradually grew worse, had hemorrhage from stomach 2 days before death.
3	.....	1	"	3	Tonsils, Pharynx, Larynx, Nose.	6,000	.....	6 years.	.....	.....	Child died from general exhaustion.
4	1	.....	"	5	Tonsils, Pharynx, Larynx, Nose.	3,000 P.D. 4,250	5 years.	.....	Yes.	....	Died of myorcarditis.
5	.....	1	Laryngeal Diphtheria	2	Tonsils, Pharynx, Larynx, Nose.	4,000	.....	2 years.	....	.....	Sanitary surroundings were bad.
6	.....	1	Laryngeal Diphtheria	3	Tonsils, Pharynx, Larynx, Nose.	3,000	.....	Not given.	Yes.	.....	Patient died of bronchial diphtheria, after laryngeal condition relieved.
7	.....	1	Diphtheria	?	Tonsils, Pharynx, Larynx, Nose.	3,000	.....	12 years.	.....	.....	Neglected case; no physician was called until infection profound.
8	.....	1	Laryngeal Diphtheria	?	Tonsils, Pharynx, Larynx, Nose.	3,000	.....	2 years.	....	.....	Injection given too late; died within 24 hours.
9	1	.....	Diphtheria	2	Pharynx and Nose.	1,500	10 years.	.....	.....	.....	.....
10	.....	1	Laryngeal Diphtheria	2	Larynx.	3,000	.....	5 years.	.....	.....	.....
11	1	.....	Diphtheria	2	Tonsils, Pharynx and Nose.	3,000	.....	7 years.	.....	.....	.....
12	1	.....	"	2	Tonsils, Pharynx, Larynx, Nose.	3,000	21 months.	.....	Yes.	.....	Septicæmia and heart failure.
13	.....	1	"	3	Tonsils, Pharynx, Nose.	3,000	.....	4 years.	.....	.....	Died on day of Injection.
14	.....	1	"	3	Tonsils, Pharynx, Larynx, Nose.	1,500	.....	8 years.	.....	.....	Patient died 3 days after the membrane disappeared, of heart weakness.
15	.....	1	Laryngeal Diphtheria	?	Larynx.	?	Not given.	.....	.....	..	Died short time after administration of antitoxin.
16	.....	1	Diphtheria	4	Larynx and Left Tonsil.	3,500	.....	3 years.	Yes.	.....	Post mortem revealed extensive invasion of bronchiæ and lungs.
17	.....	1	"	2	Tonsils, Pharynx and Nose.	1,000	3 years.	.....	....	....	Gastro-enteritis had existed for 6 or 7 days before diphtheria.
18	.....	1	"	1	Tonsils, Pharynx and Nose.	1,000	Not given.	.....	.....	.....	Heart failure.
19	.....	1	"	1	Tonsils.	1,000	4 years.	.....	.....	.....	Death occurred on fifth day, of heart failure.
20	1	.....	Laryngeal Diphtheria	2	Tonsils, Pharynx, Larynx.	1,500	.....	Not given.	.....	.....	.....

21	1	.....	Diphtheria	3	Larynx and Bronchial Tubes.	1,500 and P. D. No. 3	5 years.	....	.....	.....	....
22	.....	1	"	2	Left Tonsil, Larynx, Nose.	3,000	16 months.	.....	.....	.....	Scarlet fever.
23	1	.....	"	2	Tonsils, Uvula and Throat.	750	.....	17 months.	....	.....	.....
24	.....	1	"	9	Tonsils, Pharynx.	1,500	....	9 months.	.....	.....	Gangrene of entire mouth and throat; general health of child was bad before membrane formed.
25	.....	1	"	2	Tonsils, Pharynx, Uvula, Nose.	3,000 P.D. 1,500	.....	4 years.	.....	.....	On tenth day after first injection membrane had decreased decidedly when paralysis of entire set of muscles of deglutition set in. Child died next day.
26	1	.....	"	3	Tonsils and Larynx.	3,000	.....	8 years.	...	Yes.	Child seemed much better on second day after first dose, but got bad again on third day. No result was noticed after second dose.
27	.....	1	"	5	Tonsils, Pharynx, Larynx, Nose.	1,500	7 years.	.....	.....	.....	Moribund when injected. Died within 24 hours after injection.
28	1	.....	"	4	Tonsils and Pharynx.	4,500	... .	4 years.	.....	.....	....
29	1	.....	"	4	Pharynx and Larynx.	1,500 and 1,500 Millikens.	3 years.	.....	....	.....	Died within 24 hours. Possible strangulation from detached membrane, due to fit of coughing, after patient had taken a drink. Case was ill 3 days before any physician was called.
30	.....	1	"	2	Tonsils, Pharynx, Nose.	3,000	.....	2 years.	.....	.....	Heart failure.
31	1	.....	"	7	Tonsils and Pharynx.	1,500	7 years.	.....	.....	.....	Paralysis vagus.
32	.....	1	"	2	Tonsils, Pharynx.	1,500	4 years.	.....	.....	.....	Nephritis.
33	.....	1	"	3	Pharynx, Larynx.	1,500	....	Not given.	....	.....	Died within 4 hours.
34	.....	1	"	5	Tonsils, Pharynx, Larynx.	1,000 and 3,000 P.D.	.....	" "	Yes.	.....	Died within 24 hours.
35	.....	1	"	4	Tonsils, Pharynx, Larynx.	1,500	.....	4 years.	Yes.	.....	Died within 24 hours.
36	.....	1	"	7	Tonsils, Pharynx, Larynx.	3,000	.....	6 years.	....	.....	Had been treated by neighboring druggist for 6 days.
37	.....	.....	"	3	Tonsils, Pharynx, Larynx.	3,000	.....	4 years.	.....	Yes.	Child had been ill 2 days, and whole throat was one mass of exudate from soft palate down into the larynx. Moribund case; died within 24 hours after injection.
38	.....	?	"	Not given.	Not given.	3,000	Not given.	.....	....	.....	Neglected case.
39	.....	?	"	" "	" "	1,500	" "	....	.....	.....	.....
40	1	.....	"	3	" "	3,000	.....	3 years.	.....	.....	Heart failure (bach. diag. not diphth.). Died within 24 hours after injection.

TABLE X—*Continued.*

No.	Bacteriological Diagnosis. Made	Bacteriological Diagnosis. NotMade	Clinical Diagnosis.	Day of Disease Antitoxin Administered.	Location of Membrane.	Quantity of Antitoxin Administered. Units.	Age. Male.	Age. Female.	Intubation.	Tracheotomy.	Causes of Death.
41	1	.....	Diphtheria	3	Left Tonsil.	3,000	11 years.	.....	.....	.....	Parenchymatous nephritis, following diphtheria.
42	1	.....	"	2	Tonsils, Uvula, Fauces.	3,000	.....	16 years.	.....	.....	Heart failure.
43	1	.....	"	?	Tonsils and Nose.	4,500	6 years.	.....	.....	.....	.....
44	1	.....	"	?	Right Tonsil.	3,000	3 years.	.....	.....	.....	.....
45	1	.....	"	14	Tonsils and Soft Palate.	3,000	.....	17 years.	.....	.....	Mitral insufficiency, following diphtheria.
46	1	.....	"	?	Tonsils and Uvula.	3,000	8 years.	.....	.....	.....	Endocarditis.
47	1	.....	"	?	Absent.	1,500	6 years.	.....	.....	.....	.....
48	1	.....	"	?	Tonsils.	1,500	.....	3 months.	.....	.....	Heart failure. Died within 24 hours after injection.
49	1	.....	"	3	Tonsils, Pharynx, Larynx, Nose.	4,000	.....	4 years.	.....	.....	Debility from previous ill health. Died from hemorrhage in posterior nasopharynx.

Total number of cases treated, April 1st, 1900, to March 31st, 1901	758		
Total number of deaths		49	
Death rate per cent			6.46%
Thirteen cases moribund, or dying within 24 hours (Nos. 7, 8, 13, 15, 27, 29, 33, 34, 35, 37, 38, 40, 48), deducted	13	13	
Corrected mortality per cent	745	36	4.83%

Here is given the bacteriological and clinical diagnosis, together with the day of the disease antitoxin was administered, location of membrane, age, sex, and whether intubation or tracheotomy or both were performed, and the cause of death taken from the histories in the words of the physician reporting the case. Putting aside all cases that were moribund when injected or died within 24 hours after receiving the remedy, and we have 745 cases with 36 deaths = 4.83%.

TABLE XI.

YEAR.	Cases.	Deaths.	Mortality per cent.	EXTENT OF MEMBRANE.							NUMBER OF INJECTIONS GIVEN.										Total Injections.	Number of Anti-toxin units injected.
				Tonsils.	And Pharynx.	And Nose.	Larynx.	Uterus and Vagina.	Conjunctive.	Not Given.	1	2	3	4	5	6	7	8	14	Not Given.		
April 1st, '95, to March 31st, '96	342	31	9.06	69	87	20	36	.....	.....	10	173	38	11	.....	.....	.....	.....	.....	.....	120	402	375 to 15,000
April 1st, '96, to March 31st, '97	144	14	9.72	50	48	12	31	.....	.....	3	88	44	9	2	.....	.....	.....	.....	.....	1	212	750 " 12,000
April 1st, '97, to March 31st, '98	336	28	8.33	141	69	16	72	1	1	36	230	83	13	4	3	1	1	.....	.....	1	480	450 " 10,500
April 1st, '98, to March 31st, '99	282	28	9.93	123	47	15	35	1	....	60	207	62	8	3	.....	.....	.....	.....	.....	2	369	750 " 9,000
April 1st, '99, to March 31st, 1900	485	56	11 55	181	139	29	37	.....	.....	99	349	89	18	8	1	1	1	.....	.....	18	649	500 " 10,000
April 1st, 1900, to March 31st, 1901	758	49	6.46	200	171	112	102	1	1	171	471	210	33	7	2	2	0	1	1	31	1,094	500 " 15,000
Totals	2347	206	8.78	764	561	204	315	3	2	379	1518	526	92	24	6	4	2	1	1	173	3,206	375 " 15,000

TABLE XII.

	First Day.				Second Day.				Third Day.			
	Cases.	Deaths.	Mortality Per Cent.	Corrected Mortality Per Cent.	Cases.	Deaths.	Mortality Per Cent.	Corrected Mortality Per Cent.	Cases.	Deaths.	Mortality Per Cent.	Corrected Mortality Per Cent.
April 1st, '95, to March 31st, '96.	5	...	0.00	.....	31	2	6.45	.....	96	10	10 42	.....
Moribund or dying within 24 hours deducted...	0	0	.....	.....	0	0	.....	.....	5	5		.....
There remain	5	0	.....	0.00	31	2	.....	6.45	91	5	.....	5.49
April 1st, '96, to March 31st, '97.	1	0	0.00	.....	26	2	7.69	.....	62	7	11 66	.....
Moribund or dying within 24 hours deducted...	0	0	.....	.....	0	0	.....	.....	2	2		.....
There remain	1	0	.....	0.00	26	2	.....	7.69	60	5	.....	8.35
April 1st, '97, to March 31st, '98.	14	0	0.00	.....	164	8	4.88	.....	80	5	6.25	.....
Moribund or dying within 24 hours deducted...	0	0	.....	.....	3	3	.....	.....	2	2	.....	.....
There remain	14	0	.....	0.00	161	5	.....	3.11	78	3	.....	3 85
April 1st, '98, to March 31st, '99.	41	1	2.44	.....	114	5	4.39	.....	56	11	19.64	.....
Moribund or dying within 24 hours deducted...	0	0	.....	.....	2	2	.....	.....	4	4	.....	.....
There remain	41	1	.....	2.44	112	3	.....	2.68	52	7	.....	13.46
April 1st, '99, to March 31st, 1900.	19	1	5.25	.....	203	3	1.48	.....	145	27	18.62	....
Moribund or dying within 24 hours deducted...	0	0	.....	.....	0	0	.....	.....	7	7	.....	.....
There remain	19	1	.....	5.25	203	3	.....	1.48	138	20	.....	14.49
April 1st, 1900, to March 31st, 1901.	101	2	1.98	.....	311	14	4.50	.....	140	11	7 86	.....
Moribund or dying within 24 hours deducted...	....	....	.....	.....	....	....	.....	.....	3	3		.....
There remain	101	2	....	1.98	311	14	.....	4.50	137	8	....	5.84
April 1st, 1895, to March 31st, 1901.	181	4	2.21	.....	849	34	4.00	.....	579	71	12.26	.....
Moribund or dying within 24 hours deducted...	0	0	.....	....	5	5	....	.....	23	23	....	.....
There remain	181	4	2.21	.....	844	29	.....	3.44	556	48	.....	8.63

TABLE XII—*Continued.*

	Ninth Day.				Tenth Day.				Eleventh Day.				Twelfth Day.			
	Cases.	Deaths.	Mortality Per Cent.	Corrected Mortality Per Cent.	Cases.	Deaths.	Mortality Per Cent.	Corrected Mortality Per Cent.	Cases.	Deaths.	Mortality Per Cent.	Corrected Mortality Per Cent.	Cases.	Deaths.	Mortality Per Cent.	Corrected Mortality Per Cent.
April 1st, '95, to March 31st, '96.	..	..	.....	....	2	1	50.00	.....	1	1	100.00	.....	..	..	.....	.....
Moribund or dying within 24 hours deducted...	..	..	.....	.....	1	1	....	.....	0	0	.....	.....	..	..	.....	.....
There remain	..	..	.....	.....	1	0	.....	0.00	1	1	.....	100 00	..	..	.....	.....
April 1st, '96, to March 31st, '97.	..	..	.....	.....	1	0	0.00	....	..	..	.....	.....	1	1	100.00	.....
Moribund or dying within 24 hours deducted...	..	..	.....	.....	0	0	.....	.....	..	..	.....	....	0	0	.....	.....
There remain	..	..	.....	....	1	0	....	0 00	..	..	.....	.....	0	0	...	0.00
April 1st, '97, to March 31st, '98.	..	..	.....	....	3	1	33.33	....	1	1	100 00	....	..	..	....	.....
Moribund or dying within 24 hours deducted...	..	..	.....	....	1	1	....	.....	1	1	.....	.....	..	..	....	.....
There remain	..	..	....	.....	2	0	.....	0.00	0	0	.....	0.00	..	..	..	.....
April 1st, '98, to March 31st, '99.	..	..	....	.....	1	0	0 00	.....	..	..	.....	.....	..	..	.....	.....
Moribund or dying within 24 hours deducted...	..	..	.....	...	0	0	....	...	..	..	.....	.....	..	..	.	.....
There remain	..	..	..	.....	1	0	.....	0.00	..	..	.....	....	..	..	....	.....
April 1st, '99, to March 31st, 1900.	3	0	0.00	....	1	0	0.00	.....	..	..	.....	.....	..	..	.....	.....
Moribund or dying within 24 hours deducted...	0	0	..	.....	0	0	.....	.....	..	..	.....	.....	..	..	.....	.....
There remain	3	0	....	0.00	1	0	....	0.00	..	..	.....	.....	..	..	....	.....
April 1st, 1900, to March 31st, 1901.	1	1	100 00	....	..	..	....	....	..	..	.....	.....	..	..	.....	.....
Moribund or dying within 24 hours deducted...	0	0	..	.....	..	..	....	.....	..	..	.....	.....	..	..	.....	.....
There remain	1	1	.....	100.00	..	..	.....	.....	..	..	.....	....	..	..	....	.....
April 1st, 1895, to March 31st, 1901.	4	1	25.00	.....	8	2	25 00	.....	2	2	100.00	.....	1	1	100 00	.....
Moribund or dying within 24 hours deducted...	0	0	.....	.....	2	2	.....	.....	1	1	....	....	1	1	.....	.....
There remain	4	1	.....	25.00	6	0	...	0 00	1	1	....	100 00	0	0	....	0.00

These are interesting tables (XI and XII) and will repay careful study.

TABLE XII.

Fourth Day.				Fifth Day.				Sixth Day.				Seventh Day.				Eighth Day.			
Cases.	Deaths.	Mortality Per Cent.	Corrected Mortality Per Cent.	Cases.	Deaths.	Mortality Per Cent.	Corrected Mortality Per Cent.	Cases.	Deaths.	Mortality Per Cent.	Corrected Mortality Per Cent.	Cases.	Deaths.	Mortality Per Cent.	Corrected Mortality Per Cent.	Cases.	Deaths.	Mortality Per Cent.	Corrected Mortality Per Cent.
47	7	14.89	.....	20	7	35.00	.....	..	..	.....	.....	..	..	.....	.....	..	..	.....	.. ..
2	2	.....	.....	5	5	....	.....	..	..	.....	.....	..	..	.....	.....	..	..	.....	.....
45	5	. ...	11.11	15	2	.....	13.33	..	..	.....	.....	..	..	.....	.....	..	..	.....	.....
39	0	0.00	.....	2	2	100.00	.....	5	0	0.00	.....	2	0	0.00	.....	..	..	.....	.....
0	0	....	...	1	1	....	.....	0	0	....	.....	0	0	.....	.....	..	..	.....	.....
39	0	.....	0.00	1	1	...	100.00	5	0	.....	0.00	2	0	....	0.00	..	..	.....	.....
29	2	6 90	.....	13	4	30.77	.....	5	1	20.00	.....	10	1	10.00	.....	1	0	0.00	.....
1	1	....	.....	4	4	.	.....	1	1	.....	.....	1	1	.....	.....	0	0	.....	.....
28	1	.....	3.57	9	0	.....	0.00	4	0	.....	0.00	9	0	.....	0 00	1	0	.....	0.00
26	3	11.54	.....	4	2	50.00	.....	5	2	40.00	.....	4	1	25.00	.....	1	1	100.00	.....
0	0	.....	.....	2	2	.....	.....	1	1	.....	.....	1	1	.....	.....	1	1	.....	.....
26	3	.....	11 54	2	0	.....	0.00	4	1	.....	25.00	8	0	.....	0 00	0	0	.....	0 00
24	6	25.00	.....	14	4	28 57	.....	10	5	50.00	.....	2	1	50.00	.....	2	1	50.00	.....
2	2	.....	.....	1	1	.....	.....	1	1	....	.....	0	0	.....	.....	1	1	.....	.....
22	4	....	18.18	13	3	.....	23.08	9	4	.....	44.44	2	1	.....	50 00	1	0	.....	0.00
45	4	8.89	.....	20	3	15.00	.....	4	0	0.00	0.00	4	2	50 00	... ..	1	0	0.00	.....
2	2	.....	.....	2	2	.....	.....	0	0	.....		0	0	.....	.....	0	0	.....	.....
43	2	.....	4 65	18	1	.....	5 55	4	0	.....	0 00	4	2	.....	50.00	1	0	.....	0 00
210	22	10.48	.....	73	22	30.14	.....	29	8	27.59	....	22	5	22.73	.....	5	2	40 00	.....
7	7	.....	.....	15	15	....	.....	3	3	....	.....	2	2	...	....	2	2	.....	.....
203	15	.....	7.39	58	7	.....	12 07	26	5	.....	19.23	20	3	.....	15.00	3	0	.....	0 00

TABLE XII—*Continued.*

Fourteenth Day.				More than 1 week.				More than 2 weeks.				Not known.				Total.			
Cases.	Deaths.	Mortality Per Cent.	Corrected Mortality Per Cent.	Cases.	Deaths.	Mortality Per Cent.	Corrected Mortality Per Cent.	Cases.	Deaths.	Mortality Per Cent.	Corrected Mortality Per Cent.	Cases.	Deaths.	Mortality Per Cent.	Corrected Mortality Per Cent.	Cases.	Deaths.	Mortality Per Cent.	Corrected Mortality Per Cent.
..	..	.....	.....	..	..	.....	.....	..	..	.....	....	140	3	2.14	.....	342	31	9.06	.....
..	..	.....	.....	..	..	.....	.....	..	..	.....	.....	3	3	.....	.....	16	16	.....	.....
..	..	.....	.....	..	..	....	....	..	..	.....	.....	137	0	.....	0 00	326	15	.....	4 60
..	..	.....	.....	..	..	.....	.....	..	..	.....	.....	5	2	40.00	.....	144	14	9.72	... ..
..	..	.....	.....	..	..	.....	.....	..	..	.....	.....	2	2	.....	.....	6	6	....	.....
..	..	..	.....	..	..	.....	.....	..	..	....	.....	3	0	.....	0 00	138	8	.....	5.80
..	..	.....	.....	..	..	.....	.....	..	..	.....	....	16	4	25.00	.....	336	28	8.33	.....
..	..	.....	.....	..	..	.....	.....	..	..	.....	.....	2	2	....	....	16	16	....	. ...
..	..	.....	....	..	..	.....	.....	..	..	.....	....	14	2	.....	14.29	320	12	.....	3.75
..	..	.....	.....	1	0	0.00	.....	..	..	.....	.....	29	2	6.90	....	282	28	9 93	.....
..	..	.....	.....	0	0	.....	.....	..	..	.....	....	2	2	.....	....	13	13	.....	.....
..	..	.....	.....	1	0	.....	0.00	..	..	.....	....	27	0	.....	0 00	269	15	.....	5.58
..	..	....	.....	1	1	100.00	.....	1	0	0 00	...	59	7	11.86	....	485	56	11 55	.....
..	..	.....	.....	1	1	....	.....	0	0	....	.....	3	3	...	....	16	16	.....	.....
..	..	.....	.....	0	0	.....	0.00	1	0	....	0.00	56	4	....	7 14	469	40	....	8.53
1	1	100.00	.....	..	..	.....	.....	..	..	.....	... ..	130	11	8.46	.....	758	49	6.64	.....
0	0	.....	.....	..	..	.....	.....	..	..	.....	....	6	6	.....	.....	13	13	....	.....
1	1	.....	100.00	..	..	.....	.....	..	..	.....	....	124	5	.....	4 03	745	36	.....	4 83
1	1	100.00	.....	2	1	50.00	.....	1	0	0.00	.....	379	29	7.60	.....	2347	206	8 78	.....
0	0	....	.....	1	1	.. ..	....	0	0	.....	....	18	18	.....	....	80	80	.. ..	.....
1	1	.....	100 00	1	0	.....	0 00	1	0	....	0 00	361	11	.....	3 05	2267	126	.....	5.56

TABLE XV.

SHOWS NUMBER OF CASES IMMUNIZED WITH ANTITOXIN IN FAMILIES IN WHICH DIPHTHERIA OCCURRED; NUMBER OF ANTITOXIN UNITS INJECTED AND NUMBER OF CASES IN WHICH DIPHTHERIA OCCURRED AFTER IMMUNIZATION.

Number of Cases Immunized.		Number of Antitoxin units injected.		Cases of Diphtheria that occurred after Immunization.	Number of Families in which Diphtheria occurred previous to Immunization.	
276		100 units,	1	(1.) Girl, 8 years old, contracted mild case of diphtheria on 5th day after receiving 400 units. Received 1,500 units, recovered rapidly.	119 Families.	
By injection,	247	200 "	3		1 Eleemosynary Institution.	
By mouth,	29	300 "	11	(2.) Girl, 5 years of age, contracted moderately severe case on Jan. 9th, after receiving 400 units on Jan. 5th. Recovered after injection of 1,000 units.		
		400 "	3			
Total,	276	500 "	56	(3.) Girl contracted diphtheria 48 hours after receiving 1,500 units. Was then treated with Behring's and recovered.	Complications:	
		750 "	86		Abscess at sight of Injection,	1
		1,000 "	11	(4.) Boy, 5 years old, received 500 c. c. Contracted mild case afterwards.	Urticaria,	7
		1,500 "	18	(5-7.) Three children received 500 units each, per os, contracted mild cases of diphtheria, and recovered promptly.	Rash,	1
		2,250 "	2		Total,	9
		3,000 "	1	(8.) Boy received 300 units by injection, fell sick 8 days after, (mild case) and recovered after two injections of 1,500 units, each.		
		Not given,	55	(9.) Girl contracted severe case 12 days after immunizing dose of 500 units. Recovery.		
		By mouth:		(10.) Girl, 9 years old, received 750 units for immunization; contracted severe case one week afterwards, and recovered after injection of 1,500 units.		
		500 units,	1			
		750 "	12	(11.) Woman, (age not given) contracted severe case 6 days after receiving 500 units for immunization; recovered after curing dose of 1,500 units.		
		1,500 "	2			
		750-1,500 units,	14	(12, 13.) Two children received 1,500 units each for immunization; developed mild cases on next day. Recoveries.		
		Total,	276	(14.) Girl, 9 years of age, received 1,000 units for immunization, but contracted mild case some days afterwards.		
				(15.) Boy developed mild case of diphtheria 6 days after immunizing dose of 1,000 units. Recovered rapidly after receiving 3,000 units.		
				(16, 17.) Two children contracted malignant cases of diphtheria after immunizing dose of unknown strength.		

The tables show the results obtained in the immunization of persons in intimate contact with diphtheria patients, giving quantity injected and results obtained, together with the untoward symptoms produced.

TYPHOID FEVER.

In my previous reports, I have described at some length the Widal reaction for the diagnosis of Typhoid Fever, as applied by this department, and have also reviewed the literature of the subject extensively.

During the past year, we have examined 1,395 blood specimens for 258 physicians, for the diagnosis of typhoid fever, and in 1,176 of the number have received further information from the physician in regard to the patient from which the blood was taken, at the time it was discharged from his care. The essential facts in these histories have been tabulated and will be found in the following tables: —

TABLE XV.

SHOWS NUMBER OF CASES IMMUNIZED WITH ANTITOXIN IN FAMILIES IN WHICH DIPHTHERIA OCCURRED; NUMBER OF ANTITOXIN UNITS INJECTED AND NUMBER OF CASES IN WHICH DIPHTHERIA OCCURRED AFTER IMMUNIZATION.

Number of Cases Immunized.		Number of Antitoxin units injected.		Cases of Diphtheria that occurred after Immunization.	Number of Families in which Diphtheria occurred previous to Immunization.	
276		100 units,	1	(1.) Girl, 8 years old, contracted mild case of diphtheria on 5th day after receiving 400 units. Received 1,500 units, recovered rapidly.	119 Families.	
By injection,	247	200 "	3	(2.) Girl, 5 years of age, contracted moderately severe case on Jan. 9th, after receiving 400 units on Jan. 5th. Recovered after injection of 1,000 units.	1 Eleemosynary Institution.	
By mouth,	29	300 "	11	(3.) Girl contracted diphtheria 48 hours after receiving 1,500 units. Was then treated with Behring's and recovered.		
		400 "	3	(4.) Boy, 5 years old, received 500 c. c. Contracted mild case afterwards.	Complications:	
Total,	276	500 "	56	(5-7.) Three children received 500 units each, per os, contracted mild cases of diphtheria, and recovered promptly.	Abscess at sight of Injection,	1
		750 "	86	(8.) Boy received 300 units by injection, fell sick 8 days after, (mild case) and recovered after two injections of 1,500 units, each.	Urticaria,	7
		1,000 "	11	(9.) Girl contracted severe case 12 days after immunizing dose of 500 units. Recovery.	Rash,	1
		1,500 "	18	(10.) Girl, 9 years old, received 750 units for immunization; contracted severe case one week afterwards, and recovered after injection of 1,500 units.	Total,	9
		2,250 "	2	(11.) Woman, (age not given) contracted severe case 6 days after receiving 500 units for immunization; recovered after enring dose of 1,500 units.		
		3,000 "	1	(12, 13.) Two children received 1,500 units each for immunization; developed mild cases on next day. Recoveries.		
		Not given,	55	(14.) Girl, 9 years of age, received 1,000 units for immunization, but contracted mild case some days afterwards.		
		By mouth:		(15.) Boy developed mild case of diphtheria 6 days after immunizing dose of 1,000 units. Recovered rapidly after receiving 3,000 units.		
		500 units,	1	(16, 17.) Two children contracted malignant cases of diphtheria after immunizing dose of unknown strength.		
		750 "	12			
		1,500 "	2			
		750-1,500 units,	14			
		Total,	276			

The tables show the results obtained in the immunization of persons in intimate contact with diphtheria patients, giving quantity injected and results obtained, together with the untoward symptoms produced.

TYPHOID FEVER.

In my previous reports, I have described at some length the Widal reaction for the diagnosis of Typhoid Fever, as applied by this department, and have also reviewed the literature of the subject extensively.

During the past year, we have examined 1,395 blood specimens for 258 physicians, for the diagnosis of typhoid fever, and in 1,176 of the number have received further information from the physician in regard to the patient from which the blood was taken, at the time it was discharged from his care. The essential facts in these histories have been tabulated and will be found in the following tables: —

TABLE I.

YEAR. 1900–1901.	CLINICAL DIAGNOSIS TYPHOID.												CLINICAL DIAGNOSIS DOUBTFUL.								CLINICAL DIAGNOSIS NOT TYPHOID.								TOTALS.
	Bacteriological Diagnosis. Typhoid.				Bacteriological Diagnosis Not Typhoid.				Bacteriological Diagnosis Incomplete.				Bacteriological Diagnosis Typhoid.				Bacteriological Diagnosis Not Typhoid.				Bacteriological Diagnosis Typhoid.				Bacteriological Diagnosis Not Typhoid.				Bacteriological Diagnosis Incomplete.				
	Final Diagnosis.				Final Diagnosis.				Final Diagnosis.				Final Diagnosis.				Final Diagnosis.				Final Diagnosis.				Final Diagnosis.				Final Diagnosis.				
	Typhoid.	Not Typhoid.	Doubtful.	Total.	Typhoid.	Not Typhoid.	Doubtful.	Total.	Typhoid.	Not Typhoid.	Doubtful.	Total.	Typhoid.	Not Typhoid.	Doubtful.	Total.	Typhoid.	Not Typhoid.	Doubtful.	Total.	Typhoid.	Not Typhoid.	Doubtful.	Total.	Typhoid.	Not Typhoid.	Doubtful.	Total.	Typhoid.	Not Typhoid.	Doubtful.	Total.	
	343	10	1	354	53	86	5	144	1	..	....	1	101	9	3	113	39	195	2	236	57	15	....	72	12	241	2	255	1	....	...	1	1176
Cases agreeing.	343	....	....	...	..	86	..	....	....	..	....	...	101	....	....	....	....	195	....	....	57	....	...	...	....	241	....	....	....	....	....	....	1023 = 86.99 %
Cases not agreeing	....	10	...	.	53	..	....	....	....	....	....	...	...	9	....	....	39	....	...	....	....	15	....	....	12	....	....	....	....	....	....	....	138 = 11.73 %
Cases doubtful..	....	....	1	..	....	....	5	...	1	..	....	..	....	....	3	...	...	....	2	....	....	....	...	...	..	....	2	....	..	....	....	...	14 = 1.19 %
Cases doubtful or disagreeing at first in which Bact. Diag. proved correct.	....	....	....	....	....	86	....	....	....	....	....	...	101	....	...	....	....	195	....	....	57	....	....	....	....	....	....	....	..	....	....	439	1 = 0.09 %

1176

Final Diagnosis Typhoid	607
" " not "	556
" Doubtful	13
Total	1,176

In 1023 cases (86.99% out of a total of 1176) the bacteriological diagnosis proved to be correct. In 104 cases, in which the final Clinical Diagnosis was Typhoid, a negative reaction was obtained. The blood specimens were taken respectively on the 2nd (1), 3d (9), 4th (13), 5th (13), 6th (7), 7th (21), 8th (5), 10th, (11), 11th (2), 12th (3), 14th (3), 15th (1, 3 weeks (4), 4 weeks (1), not given date (8). In 64, perhaps 72 cases, the specimen was taken before the 8th day. In 34 cases which showed a positive reaction, the clinical diagnosis was eventually:

Malaria (12). Phthisis pulmonalis (3). Phthisis pulmonalis and enteritis (1). Continued fever (2). LaGrippe (2). Enterocolitis (1). Remittent fever (1). Dysentery (1). Pyosalpinx (1). Acute Miliary Tuberculosis (1). Pneumonia (1). Enteritis (1). Chronic Appendicitis (1). Rheumatism (1). Nephritis (1). Pelvic Cellulitis (1).

Three patients had typhoid respectively five, 23 and many years ago.

In 296, out of 349 cases (84.81%) in which the primary Clinical Diagnosis was doubtful, the bacteriological diagnosis agreed with the final Clinical Diagnosis.

This table is somewhat complicated and needs explanation. On the first line will be found the diagnosis made by the physician when the blood specimen was first sent to the laboratory; on the second line will be seen the bacteriological diagnosis made with the blood specimen, while on the third line will be found the final diagnosis made by the physician when the patient was discharged from his care. Following this will be found the tabulation of cases, agreeing, disagreeing, etc.

TABLE II.

SHOWING DAY ON WHICH BLOOM SPECIMEN WAS TAKEN.

1900-1901.	Reaction Positive.	No Reaction.	Reaction Incomplete.	No Reaction.	But Reaction.
Day.	No. of Cases.	No. of Cases.	No. of Cases.	On Day.	On Day.
2	3	20		8th	14th
3	16	38		20th	14th and 22nd
4	28	59		10th	6th
5	36	50		5th and 11th	7th and 14th
6	32	34		7th and 12th	14th
7	104	163		7th	14th
8	25	16		5th	9th
9	19	8		8th	7th
10	60	41	1	5th	14th
11	2	4		8th	10th
12	9	6		3rd	5th
13	4	4		3rd	5th
14	78	57	1	3rd	10th
15	11	3		6th	10th
16	1	2		6th	7th
17	3	2		7th	9th
18	2	2		7th	12th
19	2			3 weeks	4 weeks
20	2			2 "	4 "
21	32	32		8th	12th
22				3rd-4th w'ks.	2nd week
23	1	1		10th	14th
24		1		4th	8th
25	2			3rd and 5th	10th
27		1			
4 weeks	18	11		5th	8th
5 "	3	5		7th	17th
6 "	3	4		8th	14th
7 "		2		6 weeks	4 weeks
8 "	4	4		Not known	5 days later
10 "	1				
Not known	38	69			
Total ...	539	635	2		

Total, 1,176.

In this table it will be seen that in 346 cases in which the Widal reaction was positive, the reaction occurred in 219 cases or in 40.6%, in the first week of the disease; while in 416 or in 77%, the reaction was obtained before the end of the second week. In some cases the reaction did not occur until late in the disease and in a few not until far into convalescence.

TABLE III.

SHOWING DIAGNOSIS OF CASES WHICH WERE NOT TYPHOID.

Malaria	111	Tubercular meningitis	7
Remittent malaria	39	Tubercular peritonitis	1
Gastric ulcer	1	Phthisis pulmonalis and enteritis	1
Pleurisy	5	Tuberculosis	16
Leucocythaemia	1	Enteritis and insolation	1
Gastroenteritis	7	Malaria and enteritis	8
Pneumonia	19	LaGrippe and neuralgia	1
Febricula	1	Continued fever	27
Mumps	2	Erythema multiforma	1
Inflammation of frontal sinus	1	Gastro-enteric form of influenza	1
Nephritis	6	LaGrippe	28
Intermittent fever	4	Salpingitis	2
Hepatitis and chronic enteritis	1	Pyosalpinx	2
Phthisis pulmonalis	14	Tonsillitis	2
Appendicitis	5	Spinal sclerosis	1
Bronchitis	11	Pus tube and peritonitis	1
Acute miliary tuberculosis	2	Abscess in axilla	1

Enteritis	6	Myelitis	1
Pyaemia and visceral abscesses	1	Variola	1
Mercurial salivation	1	Sapraemia	1
Influenza	2	Malaria and epilepsy	1
Gastritis	2	Pericarditis	1
Cerebral fever	1	Tonsillitis and intestinal complications	1
Alcoholism and bronchitis	1	Tonsillitis and contusion of nose.	1
Specific fever	1	Acute hepatitis	1
Acute diarrhea	1	Hysteria	1
Catarrhal jaundice	1	Abortion	1
Acute mania	1	Sepsis following surgical operation	1
Uraemia	1	Multiple abscess of liver	1
Meningitis and nephritis	1	Pneumonia and enteritis	1
Acute inflammatory rheumatism	7	Pneumonia and parutitis	1
Osteomyelitis of tibia	1	Lymphangeitis	1
Cerebro-spinal meningitis	1	Grip-pneumonia	2
Acute entero-colitis	1	Osteomyelitis of femur	1
Diphtheria and enteritis	1	Streptococcus infection	2
Peritonitis	3	Diabetes	1
Entero colitis	3	Lues and luetic int. nephritis	1
Bilious remittent fever	1	Sarcoma fibro cellulare	1
Interstitial nephritis	1	Empyaemia	1
Intestinal auto-intoxication	11	Secondary syphilis	1
Dysentery	2		
Malaria and nephritis	1		
Pelvic peritonitis	1		
Puerperal septicaemia	2	Total	402

This table shows clearly the present character of our water supply, for out of a total of 1093 cases of typhoid fever reported to this laboratory in the last three years, and in which the bacteriological confirmed the clinical diagnosis, 990 or 90.6 per cent occurred in people who had not been out of the city.

TABLE IV.

SHOWING WHERE DISEASE WAS CONTRACTED IN CASES MANIFESTLY TYPHOID.

Fiscal Year.	Typhoid Cases Contracted in City of St. Louis.		Typhoid Cases Contracted. outside City of St. Louis.		Total.
	No. of Cases.	Per Cent.	No. of Cases.	Per Cent.	
1898-'99	73	61.34	39	31.78	112
1899-1900	354	94.91	19	5.09	373
1900-'01	563	92.75	44	7.25	607
	990	90.66	102	9.34	1,092

The method of applying the test is one that has gradually been evolved in our laboratory after innumerable experiments had been made, with the object in view of securing an efficient method for obtaining the reaction with dried blood. The blood is received by us in a dried state, either on glass or on paper; it is mixed with sufficient sterile water to bring it into solution and insure that it will be diluted at least ten times. This last is the difficult part of the operation and to be certain that the mixture will not be much more or less than 1 to 10 a calorimeter scale is prepared with water and fresh blood in varying degrees of dilution and a drop of the mixed blood and water is taken up in a wire loop of definite size and compared with the scale. More or less water is added until the proper dilution is obtained; one drop of properly diluted blood is put on a cover-glass and there mixed with an equal sized drop of typhoid broth culture. The cover-glass is then placed, drop side down, in a hollow ground slide, the edges of which are smeared with vaseline and than placed in

an incubator at 37° C. for one hour. At the end of that time it is studied with the microscope for the Widal reaction.

The foregoing report indicates the great importance and dignity of the work of the bacteriological division. I, therefore, most earnestly recommend that renewed efforts be made to create a separate bacteriological division, where the work can be carried on thoroughly, continuously and with dispatch, so as to make the office increasingly useful and attractive to the Health Department, the medical profession and the public.

Respectfully submitted,

AMAND RAVOLD, M. D.,

Consulting Bacteriologist.

II.

OFFICE HEALTH COMMISSIONER AND BOARD OF HEALTH.

Personnel.

MAX KAUFMAN.....Clerk Health Commissioner and Board of Health.
Carl G. Schroeder .....Assistant Clerk and Bookkeeper.
L. T. Reber, M. D.....Mortuary Record Clerk.
Isaac G. Harvey.....Messenger.

	Appropriations.	Balances.	Overdrawn.
For Salaries.....	$23,800 00	$679 15	
" office expenses, etc.....	3,100 00	68 83	
" vaccine virus.....	1,300 00	05	
" bacteriological examination, etc.	2,400 00		
" collection of garbage under contract.....	127,200 00		
" reduction of garbage.....	65,700 00		

Garbage Weighers.

Edw. L. Briggs, John A. Meyer.

ANNUAL STATEMENT.

DEAR SIR — I have the honor to submit herewith for your information a report on the work of this office for the fiscal year 1900-1901, which deals principally with a resume of the mortuary statistics of the City as taken from the various tables included in Part Two of your report.

For the municipal year the Department was called upon to issue a total of 11,221 certificates for the interment of decedents. Of this number, 589 were for persons whose death occurred outside of St. Louis and were brought here for burial, and 702 were issued for the burial of stillbirths.

During the calendar year 9,847 deaths occurred inside of the City, 566 persons were brought here for burial from other localities and 724 stillbirths are recorded, making for the year 1900, a total of 11,137 certificates issued. The bodies of 941 persons who died in the city were shipped to other localities for burial, 249 were turned over to the Anatomical Distributing Board, 142 cremated and 10,805 buried in local cemeteries, including stillbirths.

The nativity of decedents is as follows: St. Louis, 3,622; Missouri, 863; other parts of United States, 2,341; foreign born, 3,021.

Vital Statistics.

The total number of deaths was 9,847, being 175 less then the previous year, although the rate per thousand, 17.11, is not so favorable owing to the fact that the rate for the previous year was based on an estimated population of 647,000, which was at the time looked upon as exceedingly conservative. However, the census population for 1900 was only 575,200, and this figure was used as a basis for arriving at the death rate. Using the same population as in 1899, the rate is 15.2 as against 15.4 for the previous year.

Of the total deaths, 8,638 were white and 1,109 colored. The death rate was 16.04 for the whites, and 29.97 for the colored, estimating the latter population at 37,000.

Ninety-nine hundred and thirty deaths were recorded during the fiscal year,

and of this number 8,807 were white and 1,123 colored; the death rate being 16.36, and 30.35, respectively, figuring on the same population as above.

The total number of deaths occurring in the public and private institutions was 2,380, or 24.16 per cent of the total deaths. In the City institutions, under the control of the Health Department, there were 1,308 deaths, being 13.28 per cent of the total deaths during the calendar year 1900.

The largest number of deaths recorded in any one month during the year was 1,019 during April. The smallest number, 668, occurred during September. Last year the largest number was 1,121, in January.

This year the zymotic affections claimed 1,488 deaths as compared to 1,480 last year. The percentage to total deaths was 15.1, as against 13.1 in 1899. Table No. 3 (Part Two of your report) gives in detail the number of deaths from smallpox, measles, scarlatina, diphtheria, croup, etc., included under this heading.

There were 1,855 deaths from constitutional troubles which embrace cancer and malignant tumor, phthisis, pulmonary tuberculosis, marasmus, hydrocephalus, tubercular meningitis, etc., rheumatism and gout; the percentage to total deaths being 18.8. The previous year there were 1,924 deaths from these diseases, the percentage being 19.1. The reduction, while not material, can be attributed in a measure to climatic conditions, which were quite favorable during the winter months. There were 1,006 deaths from consumption, or 10.21 per cent of the total mortality for the year.

There were 4,692 deaths from diseases classed as "Local," which include bronchitis, pneumonia, other diseases of the respiratory organs, diseases of the circulatory system — meningitis, infantile convulsions, heat strokes, la grippe, apoplexy, Bright's disease and nephritis, etc. The percentage to total deaths was 47.6. Last year (1899) there were 4,848 deaths from troubles classed under this heading; 1,034, or 22 per cent of the total deaths, from local troubles, were recorded as pneumonia.

In the Developmental class there were 1,182 deaths reported, as against 1,213 the previous year.

The total deaths from violence were 614 as follows: Surgical operations, 25; suicide, 130; homicide, 99; accident, 359; execution by warrant of law, 1. Sixteen deaths occurred where no cause was known.

There were 10,763 births reported during 1900, an increase of 341 over 1899. The increase is only slight, and I feel that a number of births occur in this city each year which are not reported to the Department. I regret exceedingly that the parties upon whom rests the responsibility of reporting births, do not appreciate the importance of making returns in all cases. An accurate and complete record is of great value.

Financial Exhibit.

Below will be found an itemized account of the expenditures incurred in this office during the year. The items appropriated at the beginning of the year in the general appropriation bill are the same as last year with a very few exceptions, and the expenditures did not exceed the amounts allowed in any instance.

BOARD OF HEALTH AND COMMISSIONER.

Salaries — Commissioner, members, clerks, assistant health commissioner, messenger, chemist, assistant chemist, veterinary surgeons, meat inspectors	$23,120 85
Horses — stabling and shoeing	571 41
Vehicles — repairs	58 60

Harness repairs	60 30
Hire of horses and vehicles	168 00
Office expenses —	
Furniture	701 66
Railroad and street car fare	105 00
Printing, stationery and advertising	1,190 20
Stamps and postal cards	176 00
Vaccine virus	1,299 95
Bacteriological examinations	2,400 00
SANITARY DIVISION.	
Salaries	$49,995 17
Office expenses	8,928 68
Horses and wagons	450 00
Disinfectants	15,867 24
CITY CHEMIST.	
Chemicals, etc	$3,052 24
REDUCTION GARBAGE.	
For material reduced	$65,700 00
REMOVAL OF GARBAGE.	
Under contract	127,200 00

Garbage Exhibit.

The following table shows the number of pounds of all kinds of garbage collected and reduced by the St. Louis Sanitary Company during the fiscal year 1900-1901.

In Part Two of your report will be found tables for each month of the fiscal year, giving in detail the number of pounds of garbage, dead animals (number and kind) and slaughterhouse refuse received at the Sanitary Company's works each day. Also the same information by months and the total for the year. The City pays $1.80 per ton for material reduced up to and not exceeding one hundred tons each day. No charge is made for material destroyed in excess of this amount.

	1899–1900.	1900–1901.
April	10,073,155 lbs.	10,541,370 lbs.
May	11,424,200 "	11,868,990 "
June	12,779,980 "	13,177,040 "
July	14,846,715 "	15,093,855 "
August	18,388,305 "	18,467,335 "
September	16,337,168 "	16,712,215 "
October	13,809,911 "	14,787,085 "
November	11,538,755 "	12,297,675 "
December	10,529,400 "	11,290,155 "
January	10,236,180 "	10,540,120 "
February	9,120,170 "	9,142,332 "
March	9,898,895 "	10,202,860 "
Total	148,982,834 lbs.	154,121,032 lbs.

ADDITIONS TO LIBRARY.

State Board of Health Reports:

South Carolina, 1900.

Municipal and Health Departments:

District of Columbia; Portland, Oregon; Cambridge, Mass.; Erie, Pa.; Lowell, Mass.; San Antonio, Texas; Toledo, Ohio; Reading, Pa.; Hartford, Conn.; Nashville, Tenn.; Atlanta, Ga.; St. Paul, Minn.; Newton, Mass.; Lynn, Mass.; Concord, N. H.; Augusta, Ga.; Holyoke, Mass.; Santiago de Chile, Baltimore, Md.

Miscellaneous.

Statistics of the city of Berlin, Germany. Missouri Botanical Garden, 1900. Smallpox, its diagnosis, treatment, etc., by Louis Leroy, B. S., M. D. Report on Sanitary State, City of Montreal. Report of the Roosevelt Hospital, New York. Rabies, its cause, frequency and treatment, by D. E. Salmon, M. D. Report London Local Governing Board 1899–1900.

The work in the Mortuary Record Clerk's office has increased to such an extent that an assistant clerk is very essential. Much of the clerk's time is taken up looking up information for the public, which interferes materially with his routine duties.

Extracts from the proceedings of the Board of Health will be found below, embracing resolutions, important acts, communications, etc.

Respectfully,

MAX KAUFMAN,
Clerk to Health Commissioner
and Board of Health.

To the Health Commissioner.

ABSTRACT OF PROCEEDINGS OF THE BOARD.

Regular Meeting April 9th, 1900: Ordered after a hearing, that Chas. Schnellbacher, Huldah King, and Mary E. T. Murphy be admitted as patients to the Insane Asylum.

Action in complaint of nuisance: One case condemned.

Regular Meeting April 12th, 1900: Action in complaints of nuisance: Three cases condemned.

Regular Meeting April 16th, 1900: Ordered after a hearing, that Harry Johnson, Mary Hoelter and Leonora Moser be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: Three cases dismissed; nineteen condemned.

Regular Meeting April 19th, 1900: Action in complaints of nuisance: Ten cases dismissed.

Regular Meeting Aprill 26th, 1900: Ordered after a hearing, that Mary T. Gibbons, Mary Dillon, Clara Funk and Thos. Schwartz be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: Four cases laid over; five dismissed; six condemned.

Regular Meeting April 30th, 1900: Ordered after a hearing, that Katherine Brennan be admitted as a patient to the Insane Asylum.

Action in complaints of nuisance: One case dismissed; five condemned.

Regular Meeting May 7th, 1900: Ordered after hearing, that Irving S. Prescott, Anna Jozottis and Walter H. Boyle be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: One case laid over; six cases dismissed; eight condemned.

Regular Meeting May 10th, 1900: Ordered after a hearing, that Mary Geissler and Edna Stagman be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: Five dismissed; five condemned.

The following communication from the Health Commissioner was read, together with forms of circular referred to therein: —

"ST. LOUIS, May 10th, 1900.

Honorable Board of Health, Hon. Henry Ziegenhein, Mayor, and Presiding Officer:

GENTLEMEN — In accordance with a resolution offered by Dr. Albert Merrell and adopted by the Board, I herewith submit to you, the form of the circular to be issued to the dairymen in relation to the 'Tuberculine Test.' I also submit the form of the affidavit to be furnished to this department by the Veterinary making the test, and by the owner of the cows.

Respectfully,

MAX C. STARKLOFF,
Health Commissioner."

To.....

The communicability of tuberculosis, commonly known as consumption, through the use of milk from animals suffering from that disease, is now an accepted scientific fact.

Therefore, the Board of Health of the City of St. Louis strongly recommend to all dairymen within the City of St. Louis and to all persons who are trafficking milk from dairy herds outside the City of St. Louis, the products of which herds is sold in St. Louis, that they test their animals for the presence of tuberculosis.

This test to be made by what is known as the "Tuberculine Test." The Board of Health will issue certificates to all persons who have this test made under the rules adopted by the board. Through these certificates, the citizens purchasing milk will have the assurance that the milk purchased is from cows free from tuberculosis.

The conditions under which the Board will authorize these certificates to be given are as follows: —

The tests must be made by a reputable veterinary surgeon (Thier Artz), who must certify under oath that he has made the test in a proper manner. An affidavit of the owner of the cows must accompany the Veterinarian's certificate, stating that no prior test has been made within six months previously, and that whenever any new cows are added to the herd that evidence shall be submitted to the Health Department that they have been submitted to the test in a proper manner.

That all cows found to be diseased shall be immediately removed from the dairy herds and from the premises on which the dairy herds are kept.

The Board of Health reserves the right, through the Veterinary Surgeons of the Health Department, whenever it is deemed necessary, to supervise the tests that are made, and from time to time, examine the condition of the cows.

The Board of Health believes that the citizens will fully appreciate the value of the tests for tuberculosis, and that dairymen and milk dealers will find that a compliance with this recommendation of the Board will be of commercial benefit to those who have the test made.

MAX C. STARKLOFF,
Health Commissioner.

AFFIDAVIT OF VETERINARY SURGEON.

State of Missouri, }
City of St. Louis. } ss.

I, the undersigned, veterinary surgeon of the City and State aforesaid, do solemnly swear that, at the request of ....., I have made a careful "Tuberculine" test in ..... cows, stabled on the following premises, viz.: ....

They have stood the test successfully with ..... exceptions, which have been removed from the herd, and I consider the remaining animals free from tuberculosis.

I am a graduate of .....

....,
Veterinary Surgeon.

Subscribed and sworn to before me this ..... day of ..... 19...

....
... .

We, the undersigned, have examined the above certificate and recommend that it be accepted.

....
....
Veterinary Surgeons of the
St. Louis Health Department.

AFFIDAVIT OF OWNER OF DAIRY HERDS.

I, ..., of ....., owner of the dairy cows, for which I hereby present the appended Veterinarian's certificate as to freedom from tuberculosis, do solemnly affirm that no injections of "Tuberculine" or other products, have been made in these cattle by any persons for six months prior to the test of the Veterinary Surgeon, on which I now base my application for the certificate of your Honorable Board.

And I hereby agree that, whenever any cows are purchased for my herd that are accompanied by a Veterinarian's certificate, that I will submit the certificate for approval to the Veterinary Surgeons of the Health Department; and if the cows purchased are not accompanied by a Veterinarian's certificate, that I will have the test applied to them immediately and the affidavit of the Veterinary Surgeon filed with the Health Department for approval.

And I further agree that all cows found to be diseased shall be immediately removed from my premises.

....

Subscribed and sworn to before me this ..... day of ..... 19...

....
....

We, the undersigned, believe that the statement above is true and correct.

....
....
Veterinary Surgeons of the
St. Louis Health Department.

Regular Meeting, May 14th, 1900: Action in complaints of nuisance: Four cases laid over; one dismissed; eight condemned.

Regular Meeting, May 17th, 1900: Ordered after a hearing, that Amelia Nolde be admitted as a patient to the Insane Asylum.

Action in complaint of nuisance: Five cases dismissed; two condemned.

Application was made by relatives of Hugo Bonrath, a patient confined at the Insane Asylum, to be relieved from having to pay for his maintenance at that institution, and also that bills now in the Collector's hands, amounting to $120.00 be remitted. Dr. Merrell moved that, upon payment of $20.00 on accrued bills in the Collector's office, the balance of said bills, amounting to $100.00, be canceled, and that no further payments be required for the patient's maintenance.

Regular Meeting May 21st, 1900: Dr. Chapman moved that the Health Commissioner designate a representative of the Board of Health to attend the meetings of the National Conference of State and Provincial Boards of Health and the American Medical Association to be held at Atlantic City in June; the expense of said trip to be charged against the appropriation for the Board of Health and Commissioner. Motion seconded and carried.

On motion of Dr. Merrell, duly seconded, the Health Commissioner was requested to address a communication to the Milk Inspector, asking him to meet the Board of Health in conference on Thursday, May 24th, at 4 o'clock p. m., for the purpose of adopting measures to prevent the sale of impure and adulterated milk to citizens of St. Louis.

Regular Meeting May 24th, 1900: Ordered after a hearing, that George Kuntz be admitted as a patient to the Insane Asylum.

Action in complaints of nuisance; Eight cases abated; one condemned.

Regular Meeting May 28th, 1900: Ordered after a hearing that Ada Hanna be admitted as a patient to the Insane Asylum.

Action in complaints of nuisance: One case continued; three dismissed; two condemned.

Regular Meeting June 7th, 1900: Action in complaints of nuisance; five cases abated; 13 condemned.

Regular Meeting June 14th, 1900: Ordered after a hearing, that Louise Muller, Harry Aronberg and A. H. Green be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: Seven cases dismissed; ten condemned.

Regular Meeting June 21st, 1900: Action in complaints of nuisance: Seven dismissed; eight condemned.

Regular Meeting June 28th, 1900: Ordered after a hearing, John Moran, Bridget Murphy, Josephine F. Brunner be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: Three cases dismissed; one condemned.

The following report of Dr. Merrell was read and ordered spread upon the records: —

"*To the Honorable Board of Health:*

GENTLEMEN—Having been designated by the Health Commissioner to represent your Honorable Body at the Conference of State and Provincial Boards of Health held June 1st and 2nd, at Atlantic City, and the meeting of the American Medical Association at the same place during the week following, I beg to report as follows: —

I was present during each of the five sessions of the first named body, which represents all the State Health Authorities of the United States and those of the Dominion of Canada. The accompanying programme indicates the scope and character of the subjects discussed by the conference, and the great importance of the information elicited from the experience of the speakers, in its bearing on the subject of practical sanitation. Of especial interest among them, were the subjects of "Air Space in Schools" and their ventilation, heating and lighting, and the "Control and Management of Communicable Disease Among School Children." The discussion of the question of closing schools during outbreaks of contagious disease, and that on "School Inspection from a Sanitary Standpoint," made clear a practical unanimity in opinion that systematic inspection is a fundamental prerequisite to any successful management and control of communicable disease. It is to be hoped that, as has often been recommended by the St. Louis Health Department, some legal method may be devised whereby it may systematically inspect our city schools through the agency of competent medical inspectors, and thus take cognizance of, suggest and enforce remedies for unsanitary conditions in a manner satisfactory to all concerned. With such control, the question of closing schools on account of the prevalence of disease need never arise, for greater safety would be found in keeping pupils at school subject to inspection, rather than risking the diffusion of contagion by sending all to their homes. The successful practice of the St. Louis Health Department in the management of cases exposed to Smallpox in factories, hotels and tenements, confirms this proposition.

The question of a free public supply of vaccine virus to be provided by State or City Authorities, was also a matter of much discussion. The consensus of opinion seemed to be that, in all cases of compulsory vaccination, the authorities should be responsible for the quality of the virus employed, and for its careful employment by skilled vaccinators. As to the question of the manufacture of vaccines and antitoxins by State or City Authorities, there was some difference of opinion, but the preponderance was in favor of its purchase from private concerns, and all agreed that such materials should be subject to rigid inspection and test in an official bacteriological laboratory before being used. With this view I am in full accord, believing that the protection of vaccination can only become general by removing, so far as science can do so, all grounds for fear of either the virus or the method of its use.

As our laws regarding the vaccination of school children are practically compulsory, I believe that all virus by our Department should be officially attested and employed by official vaccinators under the Board's supervision and direction. If the statement of the family physician is to be accepted regarding the question of successful vaccination (which I advocated), I claim that it should be distinctly understood that the responsibility for results of imperfect materials or methods shall not be chargeable to the Health Department. In other words, that the Department is only responsible for due care regarding its own vaccinators and material.

The possibility of the introduction of the Asiatic Plague into this country was presented in an interesting paper by Dr. Baker of Michigan, who discussed its diagnosis, the methods and agencies by which it is spread, and means of prophylaxis and cure. The discussion of the paper brought out that the prophylactic fluid of Haffken was unquestionably useful *before* the beginning of incubation in a person who had been exposed, but not thereafter. Further, that several curative serums, practically identical in character, had proven quite efficient, considering the usual mortality. The spread of the disease by rats and mice was considered and methods of destroying these pests indicated. The conclusion in regard to possible danger to the people of this country from the disease was, that with proper vigilance and preventive means along the lines of experience elsewhere, little need be feared, but that indifference or carelessness was not to be tolerated because of its making possible a calamity to our people and country.

During the last session of the conference, by their invitation, I made an address on the method and apparatus employed by the St. Louis Health Department in fumigation with formaldehyde. The apparatus was exhibited and questions answered after the address. The simplicity and efficiency of the method and apparatus excited great interest and surprise, and the painstaking care with which it had been worked out by the Sanitary and Bacteriological Divisions of our Health Department was highly commended. As an evidence of the appreciative enthusiasm of the meeting, a vote of thanks to your honorable body was unanimously passed at the conclusion of the session, in recognition of the pains taken by you to inform public Health Authorities of the important results of our methods and experiments. Many personal requests were made for printed directions for fumigation, and the Secretary expressed a desire to embody the results of our experiments, as exhibited at the meeting, in the minutes of the Conference. Many requests were made that the apparatus and results be accessible to interested persons during the meeting of the American Medical Association, which I attended, as directed by your honorable body. Through those present at the Conference June 1st and 2d, the attention of many was called to the Department's method, and I was kept busy during several days in personally explaining to those interested in this feature of public health work.

Much interesting discussion was had during the convention, and notably one of importance to public health officials on Tuberculosis. Its communicability being accepted, crowding in tenements under unsanitary conditions was emphatically charged with being a most dangerous predisposing factor in the spread of the disease. In this connection, I respectfully urge the continuance of experiments in fumigation along the lines of previous ones, to determine the efficacy of formaldehyde in destroying the infective principle of Tuberculosis. The harmlessness of the gas to the contents of a house — if its efficiency can be thoroughly demonstrated and made known — would soon promote its customary use with known cases of the disease, and its prophylactic use in vacant houses, though in the latter case, sulphur can be employed with results equally as satisfactory.

Other matters of interest were an exhibit of diseased meat made by the United States Agricultural Department, and "field equipments" of Marine Hospital Service for bacteriological work.

In closing, I call attention of the Board to the antiseptic and deodorizing properties of mixed Hypochloritis, as presented in a commercial product known as "Electrozone." It is made by a patented Electrolytic process from sea water at a very low cost. Its powerful bactericidal and oxidizing properties give it a wide range of usefulness. The sterilization of water containing pathogenic and other bacteria and the oxidation of its contained albumi-

noids indicate useful possibilities in connection with our water supply. The same properties give it marked efficiency in the destruction of putrefactive gases and the arrest of the putrefactive process. Its properties are analogous to those of Labarraques Solution, Chlormated Lime, etc., but it furnishes nocent oxygen in a more available form and at a much lower cost. I respectfully recommend that this substance be investigated, with a view to determining its value in connection with our sanitary work. Much accumulated testimony is quite favorable to its use.

Respectfully submitted,

(Signed) ALBERT MERRELL, M. D.,
Medical Member, Board of Health."

Regular meeting July 5th, 1900: Ordered after a hearing, that J. B. Best, John N. Bruno and James Liston be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: Sixteen cases dismissed; thirteen condemned.

Regular meeting July 12th, 1900: Ordered after a hearing, that Thadeus Coe Gray, Kate Henninger, Nellie Hake and Ernestine Bluemel be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: One case dismissed; nine condemmed.

Regular meeting July 19th, 1900: Ordered after a hearing, that Mrs. Maria Miller and Mary Ann Hurley be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: Six cases dismissed; two condemmed.

The following communication from the Health Commissioner, submitting amendments to rules and regulations for government of the Poor House, was read: —

"ST. LOUIS, July 11, 1900.

Honorable Board of Health,
Hon. Henry Ziegenhein,
Mayor and Presiding Officer:

GENTLEMEN — In accordance with the provisions of Section 789, Article 16 of the Municipal Code of the City of St. Louis, approved April 3d, 1900, I herewith submit to you for your approval, amendments to the "Rules and Regulations for the government of the Poor House."

Strike out the first four (4) lines on page three of the rules in relation to the Institution, and insert in lieu thereof the following: "The Officers of the Institution shall consist of the Superintendent, First, Second and Third Assistant Physicians and the Clerk." In the absence of the Superintendent, the First Assistant Physician shall be recognized as, and have the same authority as the Superintendent, and in the absence of the First Assistant Physician, the Second Assistant Physician will act as Superintendent.

Amend Section 1, of the rule in relation to the Superintendent, by striking out the words, "Superintendent of the Insane Asylum" and inserting in lieu thereof, "the First Assistant Physician."

Amend Section 14, by striking out the words, "Medical Supervisor" in lines two (2) and three (3) and inserting the words, "the First Assistant Physician."

Amend Section 22, by striking out the words "Medical Supervisor" in line two (2) and inserting "First Assistant Physician."

Amend Section 27, by striking out the word "Physicians" and inserting in lieu thereof "the First Assistant Physician, or in his absence, the Second Assistant Physician."

Amend Section 28, by adding the following: "and whenever the Superintendent shall leave the Institution or the grounds connected with it for any time exceeding an hour, he shall notify the First Assistant Physician of his absence, or in the absence of the First Assistant, the Second Assistant Physician."

Amend rules governing the Superintendent by adding a new rule to be known as Section 31.

Section 31. The Superintendent shall see that no subscription lists are circulated among the officers or employes of the Institution for the purpose of purchasing presents for any officer; this practice of making presents to officers

of an institution being considered highly prejudicial to good management, and it is a practice likely to work an injustice to many of the employes.

PHYSICIANS.

Amend Section 1, in relation to physicians, by striking out the whole section, and inserting in lieu thereof the following: —

Section 1. The Physicians at the Poor House will be classified as First Assistant Physician, Second Assistant Physician and Third Assistant Physician. They, under the direction of the First Assistant Physician, shall have control of the medical and surgical treatment of the inmates. The Second and Third Assistant Physicians will obey all the orders of the First Assistant Physician in relation to the surgical and medical treatment of the inmates of the Poor House. The First Assistant Physician shall make to the Superintendent of the Institution such recommendations as he may think proper in regard to all matters pertaining to the diet of the inmates and to the sanitary affairs of the Institution, and he (First Assistant Physician) shall forward a copy of same to the Health Commissioner.

Amend Section 2, by striking out the word "they" in the first line and inserting "First Assistant Physician."

Amend Section 3, by striking out the word "they" in the first line and inserting "the First Assistant Physician."

Amend Section 4, by striking out the words "they shall keep" in the first line, and inserting in lieu thereof, "there shall be kept by the Assistant Physicians."

Amend Section 5, by striking out the words "the Medical Supervisor" and adding "with the permission of the First Assistant Physician."

Amend Section 7, by adding the following: "but only one physician shall be absent from the Institution at the same time."

Amend Section 8, by striking out the word "they" in the first line and inserting the words "the Assistant Physicians."

Amend the same section by striking out the words "the same to the Superintendent" in lines five and six, and adding the following: "the general condition to the First Assistant Physician, who shall forward the same to the Superintendent."

Amend the same section by striking out the words: "Medical Supervisor" in lines nine and ten, and inserting "First Assistant Physician."

Amend Section 9, by striking out the whole section, and inserting] in lieu thereof the following:

Section 9. The First Assistant Physician shall make a weekly report, in writing, to the Superintendent, which reports shall be forwarded to the Health Commissioner. Said reports shall be made in such form as may be prescribed by the Health Commissioner.

Amend Section 10, by striking out the word "they" in line one and inserting in lieu thereof "the Assistant Physicians."

Amend the same section by striking out the word "they" in line four, and inserting in lieu thereof "the First Assistant Physician."

Amend the same section by striking out the word "their" in line five and inserting in lieu thereof "the Insane and Hospital Department."

Amend Section 11, by striking out the words "they" in line one, and inserting the words, "the Assistant Physicians."

Amend Section 12, by striking out the words "Medical Supervisor" and inserting in lieu thereof "the First Assistant Physician."

Amend Section 13, by striking out the word "they" and inserting in lieu thereof "the First Assistant Physician."

Amend the same section by striking out the word "they" in line three (3) and inserting the word "he."

Amend Section 15, of the rules governing physicians, by striking out the whole of said section, and inserting in lieu thereof the following:—

Section 15. Where a leave of absence for a day is desired by any of the persons employed as Supervisors, Attendants or Nurses of the Insane Wards or the Hospital Wards, such application shall be made to the Superintendent through the First Assistant Physician, or, in his absence, through the Second Assistant Physician, and must be approved by one of them. Care must be exercised that too many persons are not granted a leave of absence on the same day, and the leaves of absentees must correspond with the general leave of ab-

sence of employes, as regulated by the Superintendent, and a record of these absences must be kept in the drug store.

Amend the rules in relation to physicians, by adding a new rule to be known as Section 23.

Section 23. Whenever the First Assistant Physician is of the opinion that any of the patients of the Insane Department of the Poor House are in a condition to be discharged, he shall in conjunction with one of the other Assistant Physicians, make an examination of the person, and if, in their opinion, the person so examined is fit to be discharged, a certificate is to be made out setting forth the facts, which certificate shall be signed by both physicians, and then delivered to the Superintendent.

Amend rules in relation to physicians by adding a new rule to be known as Section 24.

Section 24. Whenever, in any case, the First Assistant Physician shall deem a consultation necessary with any outside physician, or when a case does not respond favorably to treatment, he shall call in one or more of the physicians appointed by the Health Commissioner, as Consulting Physicians of the Poor House.

Amend rules in relation to physicians by adding a new rule to be known as Section 25.

Section 25. The First Assistant Physician shall make, monthly, to the Health Commissioner, a report which shall show the medical condition of the patients at the Poor House, and at the same time he shall make such suggestions in regard to the insane and sick as he may deem advisable and proper.

Amend rules in relation to physicians by adding a new rule, to be known as Section 26.

Section 26. The First Assistant Physician shall make out and sign all monthly or quarterly requisitions for the drugs needed at the Poor House, and forward the same to the Superintendent.

Amend rules in relation to physicians by adding a new rule to be known as Section 27.

Section 27. If at any time the First Assistant Physician finds that his directions given to the assistant physicians or to the persons employed in the Insane Wards or the Hospital Wards are not complied with, he shall immediately report all the facts to the Superintendent.

Amend the rules by striking out Sections One, Two, Three, Four, Five, Six, Seven and Eight of the rules governing the Medical Superintendent of the Poor House.

Amend Section4 of the rules in relation to watchmen — Insane Department, — by striking out the word "Superintendent" and inserting the words, "First Assistant Physician."

ENGINEER.

Amend rules in relation to Engineer by adding to Section One: "the Chief Engineer shall perform his share of the work of repairing the pipes, pumps, etc., and, unless in case of absolute necessity, no repairs shall be made during the night time in the wards devoted to the insane or sick, and then only by the consent of the First Assistant Physician, or, in his absence, the Second Assistant Physician."

Amend Section 1 of the General Rules by adding the following: "No officer or employe shall be absent from the Institution for a period exceeding twenty-four hours, unless by permission approved of by the Superintendent and Health Commissioner, and when any officer of the Institution desires a leave of absence for over twenty-four hours, he shall make application to the Health Commissioner and forward the same through the Superintendent. All applications for any officer to be absent from the City and Institution, must be addressed to the Mayor and forwarded to the Health Commissioner's office, for his approval."

Respectfully,

MAX C. STARKLOFF,
Health Commissioner."

Regular Meeting July 23d, 1900: Ordered after a hearing, that William N. Brennan be admitted as a patient to the Insane Asylum.

Action in complaints of nuisance: Ten cases dismissed; thirteen condemned.

Regular Meeting August 2d, 1900: Ordered after a hearing, that John S. Cummings, Nellie Whyte, Chas. Blattner and Johanna Schwalbe be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: Ten cases dismissed; four condemned.

The clerk was instructed to obtain for the information of the Board, and present same at their meeting on August 6th, a list of the patients confined in the Hospitals and Insane Asylum, who it is known from their history had only resided in the City less than six months prior to their admission.

Regular Meeting Aug. 9th, 1900: Ordered after a hearing, that Annie Munro, Heinrich Bruewer and Mary M. Funk be admitted to the Insane Asylum as patients.

Action in complaints of nuisance: Ten cases dismissed; one condemned.

The following communication from the Health Commissioner was read: —

ST. LOUIS, August 6th, 1900.

Hon. Board of Health:
St. Louis, Mo.

GENTLEMEN — I submit herewith a list of patients sent to the Hospitals and Insane Asylum during the past year, whose history shows that they had resided in the City less than six months prior to admission to the Institution: City Hospital, 905; Female Hospital, 149; and Insane Asylum, 29.

A fund should be provided for use in purchasing transportation, for the purpose of returning sick or insane people to their homes, who come or are "shipped" into St. Louis from neighboring cities or States to become a burden, either temporarily or permanently, upon this City. In several instances during the year, I have been compelled to send patients to our institutions, under protest, while if a fund, as above stated, were available, these patients could have been returned to their respective homes, thereby relieving this Department from the necessity of sending them to our already overcrowded Institutions, and save the City the expense of their maintenance.

About a year ago, I requested the Comptroller to provide a special fund for this purpose, but he has never acted upon my suggestion. I simply desire to call your attention to this matter in order that you may appreciate just how many non-residents are cared for at the eleemosynary institutions.

Respectfully,
MAX C. STARKLOFF,
Health Commissioner."

On motion, duly seconded by resolution, the Board recommended that the Health Commissioner place before the Honorable Municipal Assembly a condensed statement, showing the large number of non-residents this Department is compelled to care for at the eleemosynary institutions, and the cost to the City for their maintenance. And further, to urgently recommend the advisability of providing a fund for use in purchasing transportation, for the purpose of returning such patients to their homes. If this were done, the overcrowding of the institutions and the expenditures could be materially reduced.

The following resolution was adopted: —

Resolved: With a view to secure a better collection of garbage, that the Health Commissioner ask for bids, or, if necessary, prepare an ordinance empowering the Health Department to contract for garbage containers that will meet the requirements of the law, which forms a part of the garbage contract, and furnish such containers to householders at the net cost of same delivered.

Resolved: That said ordinance, if one shall be needed, shall provide, first, for branding each of said containers with the street number of the premises for which it is purchased, and also a number corresponding to one on a register kept for purpose of identification; second, it shall provide penalties for the removal of such containers from the premises for which they are registered, except as provided by law, or for possession by other persons than its lawful owner.

Resolved: That the Police Department be requested to make a special effort

to enforce the law regarding the deposit of filth of any kind in alleys, or on public highways and open lots, and to arrest drivers of garbage wagons for overloading, driving without their wagon covers being closed, or who may fail to clean up any garbage they may drop upon the roadways.

The following communication from the City Chemist was read: —

"ST. LOUIS, August 9th, 1900.

To the Honorable Board of Health, Hon. Henry Ziegenhein, Mayor and Presiding Officer:

GENTLEMEN — I am in receipt of a communication from the Secretary of the Honorable Board, notifying me of the following resolution adopted by the Honorable Board on July 26th: —

"*Resolved*: That all results of investigations of City Water Supply that have been and are now being conducted, shall, as a measure of precaution, be transmitted, in duplicate, to the Board of Health as fast as completed."

In reply I beg to state, that while I have complete analytical notes of this entire investigation, I have been unable thus far to finish the entries of the analytical results in the report required for the litigation involved in this work. An official copy of this report will be kept as part of the records of the Health Department, and I shall be pleased to transmit the same to the Honorable Board as requested by the above mentioned resolution, as soon as I am able to complete the same.

Respectfully,
WM. C. TEICHMAN,
City Chemist.

Regular Meeting, August 13th, 1900: Ordered after a hearing, that Mary E. Hopkins, Lillie Carney and Bertha Knocke be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: Two cases condemned.

Regular Meeting, August 16th, 1900: Ordered after a hearing, that Ellen T. Allen be admitted as a patient to the Asylum.

Action in complaints of nuisance: Seven cases dismissed; three condemned.

Regular Meeting August 23d, 1900: Action in complaints of nuisances: Nine cases dismissed; one condemned.

The following resolution was adopted: —

Resolved: That the Excelsior Hauling and Transfer Company be notified that the authority given them for the removal of garbage during the night time is hereby revoked; and a daily collection of same must be made as soon as they receive notice of the action of the Board.

The following communication of the Assistant Health Commissioner was read: —

"ST. LOUIS, August 23d, 1900.

Honorable Board of Health,

Hon. Henry Ziegenhien, Mayor and Presiding Officer, City:

GENTLEMEN — During the past ten days the officers of the Sanitary Division have been detailed to make an examination of the alleys and streets of a large part of the closely built up portion of the city, for the purpose of ascertaining the exact condition in relation to the removal, non-removal and placing of garbage. In this examination 2166 City Blocks were gone over, and 43,647 premises were examined. On 1,839 premises, or 4 1-5 per cent of the total number examined, were found proper and legal receptacles properly placed; 965 places were found, or 5 per cent of the total number examined, where there were proper and legal receptacles, but where they were not placed as prescribed by the ordinance of the city; 9,288 places, or 21 per cent of the places examined, were found to have no receptacles of any kind; garbage at these places is thrown in the alleys, streets and vacant lots; 31,546, or 72 per cent of the places examined, were found to have in use worthless, illegal receptacles, consisting mainly of old chip baskets, broken boxes, flour barrels, and every conceivable kind of worn-out household uten-

sils; 2,581, or 6 per cent of the places examined, were found to have in use stationary receptacles from which the collector is obliged to shovel the garbage.

The officers report that they find the garbage generally well collected; of course where nearly 10,000 families throw their garbage in streets, alleys and vacant lots, there is bound to be an accumulation, and while the contractor collects a portion of this, a great portion is not collected. The hotel and restaurant garbage is found to be well collected. A great many places were found where the collector has to carry the garbage out from the alley of the house to the street, there being no passable alley. There is being collected about 340 tons of garbage daily. I estimate that about 70 tons of this garbage comes from hotels, restaurants and slaughter-houses, which would leave 270 tons of household garbage that is being collected daily from streets and alleys. Now the examination shows that only about 4 1-5 per cent of the householders have proper legal receptacles, properly placed. Four and one-fifth per cent of 270 tons is about 11 tons, which is the amount which the contractor would be required to take if the terms of the contract were strictly followed out, and the remaining 259 tons would be left in the alleys or on the streets. What the condition of our streets and alleys would be after one week's time is not difficult to imagine. It is true that the contract for the removal of the garbage is not strictly carried out in this, that the garbage is not removed from all parts of the City every day; some parts are removed daily and the balance three times a week. It is also true that every night some alleys are missed or neglected by the collector, and that some places in the alleys are overlooked; but in doing work of this character with the class of help that is available, it is impossible to prevent these mistakes from occurring.

The dead animals are well collected. The examination discloses that in most cases where there appears to have been an unnecessary delay, that these delays grew out of the fact that a mistake was made in giving the locality in which the animal was.

The garbage of the City is not thoroughly taken up as it should be, but it is exceedingly well collected when it is considered how few of our citizens comply with the requirements of the City in relation to the placing of their garbage. If the officers of the Board of Health have to make concessions to the contractor in order to protect the citizens from the danger and annoyance of the large accumulation of garbage, it is the fault of the citizens themselves. Considering all the conditions and difficulties, I am of the opinion that the officers of the Health Department and the Contractor have handled this garbage question exceedingly well.

There is one matter to which your attention should be called: It has been said in some of the newspapers of the city that the contract was made by the Board of Health, and the Board of Health was criticised for having made certain provisions in the contract. The facts are, that the contract is made in strict accordance with the provisions of the ordinance relating to the collection of garbage, and is made as directed by the Municipal Assembly, and the Board of Health had no authority to add any provisions to the contract, or omit, or alter any of the requirements of the law. The ordinance gives ample power to the Board of Health to force the contractor to carry out the provisions of the contract, but there are no provisions by which the citizens can be compelled to do what the law expected them to do.

In conclusion, I wish to state that every complaint in regard to the non-removal of garbage is at once attended to and the contractor notified; and, in addition, a man is detailed from this office to overlook the work, and all of the sanitary officers have instructions to report any garbage they find not collected; oftentimes in examining into complaints it is hard to decide whether the fault lies with the contractor or with the householders. The contractor's drivers state that a gate was locked and they could not get in, or there was not any garbage in the receptacle when they passed; on the other hand, the employes of these householders will insist that the gate was unlocked, and the garbage had been placed in the receptacle.

There is another matter that gives rise to a great deal of trouble. It is the custom of certain householders to tip the driver; this is done where the garbage has to be carried out some distance or shoveled. Now, these drivers are then very apt to discriminate against those who do not tip them,

and where they know that according to the law they cannot be compelled to take the garbage they pass by and neglect garbage, which, according to the contractor's orders, they ought to take. Respectfully,

CHARLES W. FRANCIS,
Assistant Health Commissioner."

Regular meeting August 27th, 1900: Ordered after a hearing, that Columbus Batteiger, Barbara Risch and Henry Steeken be admitted as patients to the Insane Asylum.

Regular Meeting September 6th, 1900: Ordered after a hearing, that Margaret C. Mulhall, Catherine Dwyer, James L. Winegar and Kate Schaleck be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: One case condemned.

Regular Meeting September 13th, 1900: Ordered after a hearing, that Joseph Santer, Herman W. Olrock, Oscar P. Hoffman and Minnie Brenle be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: Three cases dismissed; three condemned.

Regular Meeting September 20th, 1900: Ordered after a hearing, that it be certified to the Board of Managers of the school for the Deaf and Dumb, that Richard Lawrence is a proper person to be admitted as a pupil to said school.

Action in complaints of nuisance: Two cases dismissed; three condemned.

Regular meeting September 27th, 1900: Ordered after a hearing that John H. Curtis, Julius Miller, Anton Kraus and Samuel Grossberg be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: Two cases condemned.

The following communication from the Assistant Health Commissioner was read: —

ST. LOUIS, Sept. 26, 1900.

Dr. Max C. Starkloff, Health Commissioner:

MY DEAR SIR:— In accordance with your instructions, I have caused the Veterinary Surgeons to make examinations into the length of time that milch cows are kept as such.

Dr. Henry F. James, Veterinary Surgeon, who supervises the dairies in the district south of Chouteau avenue, reports as follows: The milk-producing capacity of cows under local dairy conditions varies from six to twelve months. About four (4%) per cent of well cared for cows will run to eighteen months, and give four (4) or five (5) quarts of milk daily. When the cows fall below this quantity of milk, they can only be retained at a loss. The dairymen sell the cows to the stock yards, where some are bought and sent to farms for corn-feeding to heighten their meat value; others are sold for sausage meat and a small number are sold back to farmers, who breed them again and sell back to the dairymen when the cows are calved and are milk-producing once more. I find, therefore, that the dairy cattle in my district will average from nine (9) to twelve (12) months milk-producing capacity, and at the end of that time pass from the dairymen into other hands.

Dr. Charles Ellis, the Veterinary Surgeon in charge of the dairies north of Chouteau avenue, reports as follows: In most of the dairies supervised by me, the dairymen have pastures and large yards in which the cows are turned out during good weather. At the dairies where the cows are placed in pastures, good milkers are kept from four (4) to six (6) years, while at the other dairies, where the cows are constantly confined, they are not retained over a year. Respectfully,

CHARLES W. FRANCIS,
Assistant Health Commissioner."

Regular meeting, October 8th, 1900: Ordered after a hearing, that Minna Haffner, Victor I. C. Young and Louisa Jacks be admitted as patients to the Insane Asylum.

Ordered after a hearing that it be certified to the Board of Managers of the school for the Deaf and Dumb at Fulton, Mo., that Ernest A. Folkers is a proper person for admission to said school.

Action in complaints of nuisance: Four cases condemned.

Regular meeting October 11, 1900: Ordered after a hearing that Mary Curtis be admitted as a patient to the Insane Asylum.

Action in complaints of nuisance: Four cases dismissed; six condemned.

Regular meeting October 18th, 1900: Ordered after a hearing, that Ellen Grahame be admitted as a patient to the Insane Asylum.

Action in complaints of nuisance: Seven cases dismissed; three condemned.

Regular meeting October 25th, 1900: Ordered after a hearing, that Elizabeth Thatcher, Mrs. Rena Rush and Lena Lippschuetz be admitted as patients to the Insane Asylum.

Action in complaint of nuisance: Three cases dismissed; six condemned.

Regular meeting November 8th, 1900: Ordered after a hearing, that Lotta Preisinger, Henry W. Knost and Mittie Wilcox be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: Eight dismissed; four condemned.

Regular meeting November 15th, 1900: Ordered after a hearing, that Julia Eilers, Charles Caroffa and Rosa Link be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: Two dismissed; two condemned.

Regular meeting November 26th, 1900: Ordered after a hearing, that Joseph Oglesby be admitted as a patient to the Insane Asylum.

Regular meeting December 6th, 1900: Ordered after a hearing, that Gus Ettinger, Minna Install, Elizabeth C. Plaeger and Dora Goldstein be admitted to the Insane Asylum.

Action in complaints of nuisance: Five dismissed; five condemned.

Regular meeting December 13th, 1900: Ordered after a hearing, that Frederick P. Becht, Piedro Dinelli and Dasie Turner be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: Eight dismissed; five condemned.

Regular meeting December 20th, 1900: Ordered after a hearing, that Adeline M. Lampel and Patrick Rogers be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: Five cases dismissed; two condemned.

Regular meeting December 27th, 1900: Ordered after a hearing, that Meta Waetjen be admitted as a patient to the Insane Asylum.

Action in complaints of nuisance: Two cases dismissed; seven condemned.

Regular meeting December 31st, 1900: Ordered after a hearing, that Minnie Dammert be admitted as a patient to the Insane Asylum.

Regular meeting January 10th, 1901: Ordered after a hearing, that Andrews Anderson be admitted as a patient to the Insane Asylum.

Action in complaints of nuisance: One case laid over; one condemned.

Regular meeting January 31st, 1901: Ordered after a hearing, that Hugo Reindel be admitted as a patient to the Insane Asylum.

Action in complaints of nuisance: Four cases dismissed; eight condemned.

Regular meeting February 18th, 1901: Ordered after a hearing, that Bertha Quentin and Wilhelmine L. Kleinmann be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: Seven cases condemned.

Regular meeting March 7th, 1901: Ordered after a hearing, that Helena Schefe and Mary Condon be admitted as patients to the Insane Asylum.

Regular meeting March 14th, 1901. Action in complaints of nuisance: Three cases condemned.

LIST OF PHYSICIANS AND MIDWIVES WHOSE CERTIFICATES WERE RECORDED DURING THE YEAR 1900–01.

NAME.	Date of Record.	Date of State Certificate.	NAME OF SCHOOL.	Date of Diploma.
Alch, George H	May 2, '00	May 2, '00	Kansas City Medical College	1895
Aufderheide, Otto F	May 31, '00	May 31, '00	Homepath. Med. Col., St. Louis	1900
Allen, J. Edwin	Mar. 12, '01	Mar. 14, '01	Missouri Medical College, St. Louis	1896
Allyn, Walter H	Mar. 22, '01	Mar. 14, '01	Passed State Board Exam'n	1901
Allyn, Paul	Mar. 22, '01	Mar. 14, '01	Passed State Board Exam'n	1901
Broderick, John K	Apr. 11, '00	Apr. 11, '00	Beaumont Hosp. Med. College	1900
Birenbaum, Max	Apr. 13, '00	Apr. 13, '00	Barnes Medical College	1900
Brigg, Ufrieda S	Apr. 23, '00	Apr. 23, '00	Homeop. Med. College	1900
Beisbach, Albert	Apr. 25, '00	Apr. 25, '00	Beaumont Hosp. College	1900
Baker, Robert B	Apr. 30, '00	Apr. 30, '00	Beaumont Hosp. College	1900
Blockford, Geo. W	May 1, '00	May 1, '00	Passed State Board Exam'n	1900
Black, A. J	May 7, '00	May 7, '00	Barnes Medical College	1900
Bluitt, Lyman B	May 9, '00	May 9, '00	Meharry Med. College, Tennessee	1890
Brezany, Eugene	May 15, '00	May 15, '00	University of Austria	1897
Bonewits, John	May 15, '00	May 15, '00	Barnes Medical College	1899
Brooks, Fred'k C	May 18, '00	May 18, '00	Beaumont Hosp. Med. College	1900
Baumgarten, Walter	June 1, '00	June 1, '00	St. Louis Medical College	1896
Babbler, Edmund A	June 19, '00	June 19, '00	Missouri Medical College	1898
Brabhorn, Wm. S	Aug. 21, '00	Aug. 21, '00	Meharry Medical Col., Tennessee	1898
Buckwalter, Jno. C	Sep. 11, '00	Sep. 11, '00	Miami Med. College, Chicago	1900
Bauman, Emma	Sep. 11, '00	Sep. 11, '00	Ohio State Board of Examination	1896
Bacon, Robert S	Sep. 19, '00	Sep. 19, '00	Phys. and Surgeons', Baltimore	1893
Byrd, Richard L	Sep. 24, '00	Sep. 24, '00	Beaumont Hosp. Med. College	1899
Baldridge, Clifford J	Oct. 2, '00	Oct. 2, '00	Eclectic Med. College, Ohio	1900
Boyce, Thos. Henry	Oct. 26, '00	Oct. 26, '00	Beaumont Hosp. Med. College	1900
Barney, Lee Mason	Jan. 12, '01	Jan. 12, '01	N. W. Med. College, Illinois	1889
Barrington, Richard L	Feb. 25, '01	Feb. 25, '01	Med. Dept. Georgetown Univ	1889
Barth, John J	Mar. 4, '01	Mar. 4, '01	Med. Dept Iowa University	1896
Burke, Frank M	Mar. 12, '01	Mar. 12, '01	Meharry Med. Col., Tennessee	1899
Crapp, Leverett H	Apr. 12, '00	Apr. 12, '00	St. Louis Col. of Phys. and Surgs	1900
Chase, Wm. A. K	Apr. 12, '00	Apr. 12, '00	Barnes Med. College	1900
Carruthers, Wm. H	Apr. 17, '00	Apr. 17, '00	Homeop. Med. College, St. Louis	1900
Cook, Paul	Apr. 28, '00	Apr. 28, '00	Columbia Med. Col., Kansas City	1899
Campbell, Richard L	May 2, '00	May 2, '00	Med. Dept. Washington Univ	1900
Colifas, Wm. F	June 25, '00	June 25, '00	Queen's Medical College, Canada	1894
Caldwell, T. Addison	July 25, '00	July 25, '00	Eclectic Med. College, Ohio	1871
Crooks, Amos A	Nov. 30, '00	Nov. 30, '00	Marion-Sims College, St. Louis	1898
Casto, Jobez C	Jan. 13, '01	Jan. 13, '01	Miami Med. College, Ohio	1883
Cooney, Daniel C	Jan. 18, '01	Jan. 18, '01	Baltimore Med. College	1897
Clark, Thos. J	Jan. 18, '01	Jan. 19, '01	University of Louisville, Ky	1896
Dietz, Frank J	Apr. 10, '00	Apr. 11, '00	Beaumont Hosp. Med. College	1900
Dale, Omar E	Apr. 14, '00	Apr. 14, '00	Barnes Medical College	1900
Dukes, Edward C	Apr. 18, '00	Apr. 18, '00	Barnes Medical College	1900
Davis, Homer W	Apr. 28, '00	Apr. 29, '00	Washington Univ., Med. Dept	1900
Duemler, Thos. B	Apr. 30, '00	Apr. 30, '00	Beaument Hosp. Med. College	1900
Donnell, Robert E	June 14, '00	June 14, '00	Beaumont Hosp. Med. College	1900
Dicken, W. E	Sep. 21, '00	Sep. 21, '00	Passed State B. of H. Exam'n	1896
Dalton, Martin	Nov. 9, '00	Nov. 9, '00	Marion-Sims College	1896
Dott, Lehm Harry	Nov. 10, '00	Nov. 10, '00	Ills. Medical College	1899
Eddington, Royal L	Apr. 23, '00	Apr. 23, '00	Barnes Medical College	1900
Ernst, Edward J	Apr. 28, '00	Apr. 28, '00	Marion Sims Col. of Med	1900
Ehrenfest, Hugo	May 25, '00	May 25, '00	University, Vienna	1894
Everett, Alfred E	Mar. 14, '01	Mar. 14, '01	Passed State B. of H. Exam	1901
Evans, Ellis A	Mar. 27, '01	Mar. 27, '01	Beaumont Hosp. Med. College	1901
Friedel, Albert H	Apr. 27, '00	Apr. 27, '00	Jenner Medical Col., Chicago	1897
Frank, Konrad	Oct. 11, '00	Oct. 11, '00	Long Island Med. Col., N. Y	1900
Finley, Walter P	Dec. 13, '00	Dec. 13, '00	Harvard University	1900
Fletcher, Herbert H	Mar. 27, '01	Mar. 27, '01	Barnes Medical College	1899
Gosmey, Chas. W	Apr. 14, '00	Apr. 14, '00	St Louis Col. of Phys. and Surgs	1900
Greer, Bert E	Apr. 30, '00	Apr. 30, '00	Med. Dept., Washington Univ	1900
Gimbel, Chas. E	May 7, '00	May 7, '00	Med. Dept., Washington Univ	1900
Gillies, Duncan R	Sep. 6, '00	Sep. 6, '00	Rush Medical College, Chicago	1900
Green, Wm. D	Oct. 9, '00	Oct. 9, '00	Victoria University	1898
Gerwig, Eugene H	Feb. 11, '01	Feb. 11, '01	Passed State B. of H. Exam	1901
Glasford, Sam'l T	Feb. 11, '01	Feb. 11, '01	Passed State B. of H. Exam	1901
Gish, Geo. J. P	Mar. 27, '01	Mar. 27, '01	Passed State B. of H. Exam	1901
Gaylor, Winzel C	Mar. 28, '01	Mar. 28, '01	Beaumont Hosp. Med. College	1901
Hall, Wm. E	Apr. 18, '00	Apr. 18, '00	Barnes Medical College	1900
Hakney, Lee B	Apr. 28, '00	Apr. 28, '00	Marion-Sims Col. of Med	1900
Hess, John D	May 2, '00	May 2, '00	Med. Dept., Washigton Univ	1900
Henckler, Emil H	Apr. 28, '00	Apr. 28, '00	Marion-Sims Col. of Med	1900
Hahn, Anna M. A	June 18, '00	June 18, '00	Homeop. Medical College	1900
Heely, Oliver J	July 27, '00	July 27, '00	St. Louis Medical College	1897
Haworth, Morris W	Oct. 1, '00	Oct. 1, '00	Passed State B. of H. Exam	1900

LIST OF PHYSICIANS AND MIDWIVES WHOSE CERTIFICATES WERE RECORDED DURING THE YEAR 1900–01—*Continued.*

NAME.	Date of Record.	Date of State Certificate.	NAME OF SCHOOL.	Date of Diploma.
Hendrickson, R. J.	Oct 22, '00	Oct 22, '00	Hahnemann Med. Col., Chicago	1888
Hill, Robt. Leon	Oct. 29, '00	Oct. 29, '00	Harvard Univ., Washington, D. C	1897
Hampshire, Geo. H.	Nov. 27, '00	Nov. 27, '00	Passed State B. of H. Exam	1900
Hults, Eugene	Dec. 11, '00	Dec. 11, '00	Beaumont Hosp. Med. College	1900
Hall, Samuel C.	Jan. 8, '01	Jan. 8, '01	St. L. College of Phys. and Surgs	1894
Hedrick, James F	Feb. 7, '01	Feb. 7, '01	Passed State B. of H. Exam	1901
Higgins, Gussie Z.	Feb. 11, '01	Feb. 11, '01	North University, Med. Dept	1900
Hardy, Jos B.	Mar. 9, '01	Mar. 9, '01	Passed State B. of H. Exam	1901
Hughes, Marc. Roy	Mar. 22, '01	Mar. 22, '01	Barnes Medical College	1898
Iralson, Abraham	Apr. 25, '00	Apr. 25, '00	Barnes Medical College	1900
Jones, Addison E	May 4, '00	May 4, '00	Barnes Medical College	1900
Jonas, Ernst	Oct. 11, '00	Oct. 11, '00	University, Berlin	1895
Jones, Wilfred H.	Feb. 7, '01	Feb. 7, '01	University, South Tennessee	1900
Kendall, Wm. T	Apr. 3, '00	Apr. 3, '00	University of Maryland	1900
Kincaid, George E.	Apr. 16, '00	Apr. 16, '00	Barnes Medical College	1900
Keck, Fred C.	Aug. 13, '00	Aug. 13, '00	Cooper Med. Col., California	1894
Kodis, Theodore	Oct. 11, '00	Oct. 11, '00	University, Strasburg, Ger.	1889
Knapp, Herbert W.	Nov. 1, '00	Nov. 1, '00	Passed State B. of H. Exam	1900
Keller, Edwin L.	Nov. 28, '00	Nov. 28, '00	Barnes Medical College	1900
Knapp, Percy T.	Feb. 14, '01	Feb. 14, '01	Passed State B. of H. Exam	1901
Kennedy, Chas. H.	Feb. 25, '01	Feb. 25, '01	University, Michigan	1869
Lewis, Arthur R	Apr. 13, '00	Apr. 13, '00	Barnes Medical College	1900
Lester, Franklin W.	Apr. 17, '00	Apr. 17, '00	Homeop. Medical College	1900
Lehmann, Emil H.	Apr. 24, '00	Apr. 24, '00	Passed State B. of H. Exam	1900
Little, Edgar H.	Apr. 30, '00	Apr. 30, '00	Marion-Sims College of Medicine	1900
Little, Homer M.	Apr. 30, '00	Apr. 30, '00	Marion-Sims College of Medicine	1900
Little, Zay	Apr. 30, '00	Apr. 30, '00	Marion-Sims College of Medicine	1900
Lilleman, John C.	May 3, '00	May 3, '00	Homeop. Medical College	1900
Luedde, Wm. H.	May 12, '00	May 12, '00	Medical Dept. Washington University	1900
Lee, Edward W	Sep. 7, '00	Sep. 7, '00	University, Ann Harbor, Michigan	1881
Lambert, Wm	Nov. 24, '00	Nov. 24, '00	Physicians and Surgeons, Keokuk, Iowa	1884
Long, Leon Lester	Jan. 9, '01	Jan. 9, '01	Hahnemann Med. College, Philadelphia	1900
Morris, Edward	Apr. 2, '00	Apr. 2, '00	Beaumont Hospital Medical College	1900
Morse, Frank L.	Apr. 2, '00	Apr. 2, '00	Beaumont Hospital Medical College	1900
Murrell, Charles P.	Apr. 2, '00	Apr. 2, '00	Beaumont Hospital Medical College	1900
Mabrey, Wm. C	Apr. 10, '00	Apr. 10, '00	Barnes Medical College	1900
Mook, Wm. H.	Apr. 13, '00	Apr. 13, '00	Beaumont Hospital Medical College	1900
May, James V.	Apr. 12, '00	Apr. 12, '00	St. Louis College of Phys. and Surgs	1900
Muhm, Oscar A.	Apr. 13, '00	Apr. 13, '00	Passed State B. of H. Exam	1900
Millman, John J.	Apr. 17, '00	Apr. 17, '00	Beaumont Hospital Medical College	1900
Matlock, James A.	Apr. 30, '00	Apr. 30, '00	Beaumont Hospital Medical College	1900
Montgomery, Calvin C.	Apr. 28, '00	Apr. 28, '00	Washington University, Med. Dept	1900
Miller, Otis W	May 24, '00	May 24, '00	St. Louis College of Phys. and Surgs	1900
Morgan, James T.	May 31, '00	May 31, '00	Physicians and Surgeons, Keokuk, Iowa	1883
Miller, James L	July 16, '00	July 16, '00	St. Louis College of Phys. and Surgs	1899
Miller, Albert	Sept. 14, '00	Sept. 14, '00	Marion-Sims College of Medicine	1900
Meuner, Louis J.	Oct. 13, '00	Oct. 13, '00	Homeopathic Medical College	1899
Miller, Wm. J. L.	Oct. 16, '00	Oct. 16, '00	University of Buffalo, N. Y	1884
Morton, George	Jan. 8, '01	Jan. 8, '01	University Med. College, Kansas City	1897
Moses, Joseph	Feb. 4, '01	Feb. 4, '01	Physicians and Surgeons, Chicago	1889
Menkhaus, John B.	Feb. 18, '01	Feb. 18, '01	Beaumont Hospital Medical College	1898
Mueller, Anton	Mar. 9, '01	Mar. 9, '01	Physio-Medical College, Chicago	1896
McGrath, Edward J.	Apr. 11, '00	Apr. 11, '00	American Medical College	1900
McRoberts, Wm. J.	Apr. 16, '00	Apr. 16, '00	Beaumont Hospital Medical College	1900
McLeod, Edward S.	May 9, '00	May 9, '00	Medical Department, University, Iowa	1877
McLaurie, Arthur M.	June 14, '00	June 14, '00	University of New York	1891
McKellops, Leo Grey	Oct. 22, '00	Oct. 22, '00	Marion-Sims College of Medicine	1900
Neely, Abner Dale	Apr. 28, '00	Apr. 28, '00	Marion-Sims College of Medicine	1900
Niebruegge, Henry J.	May 10, '00	May 10, '00	Phys. and Surgs. College, St. Louis	1900
Norvell, B. P.	June 12, '00	June 12, '00	Beaumont Hospital Medical College	1900
Nautze, Chas. E. G.	Mar. 27, '01	Mar. 27, '01	Beaumont Hospital Medical College	1901
Ostberg, N. Wm.	Mar. 7, '01	Mar. 7, '01	American Medical College	1901
Plummer, Amzie S.	Apr. 11, '00	Apr. 11, '00	Phys. and Surgs. College, St. Louis	1898
Parlon, Edward	Apr. 13, '00	Apr. 13, '00	Barnes Medical College	1900
Poole, Chas. J	Apr. 13, '00	Apr. 13, '00	Beaumont Hospital Medical College	1900
Prewitt, R. C. Jr.	Apr. 14, '00	Apr. 14, '00	Barnes Medical College	1900
Pinkerton, Benj. G	Apr. 27, '00	Apr. 27, '00	Washington University, Med. Dept	1900
Popper, Morris	May 3, '00	May 3, '00	Barnes Medical College	1900
Prosser, S. S.	June 19, '00	June 19, '00	Jefferson Med. College, Philadelphia	1896
Prouty, S. B.	July 31, '00	July 31, '00	Marion-Sims College of Medicine	1900
Pembroke, Wm. K.	Oct. 8, '00	Oct. 8, '00	Bennett Medical College, Chicago	1872
Prewitt, Francis E.	Oct. 27, '00	Oct. 27, '00	Gross Med. College, Denver, Col	1898
Riggs, Roy W.	Apr. 12, '00	Apr. 12, '00	Barnes Medical College	1900
Rose, Fred	Oct. 19, '00	Oct. 19, '00	Phys. and Surgs. College, St. Louis	1892

LIST OF PHYSICIANS AND MIDWIVES WHOSE CERTIFICATES WERE RECORDED DURING THE YEAR 1900-01.—*Continued.*

NAME.	Date of Record.	Date of State Certificate.	NAME OF SCHOOL.	Date of Diploma.
Rose, Wm. Jos.	Oct. 23, '00	Oct. 23, '00	St. Louis Medical College	1896
Roberts, Dolphine P.	Dec. 13, '00	Dec. 13, '00	Nat'l Med. Col., Louisville, Ky.	1893
Ritter, Martin M	Dec. 26, '00	Dec. 26, '00	Phys. & Surgs., Chicago	1892
Robards, Y. P.	Mar. 14, '01	Mar. 14, '01	Passed State B. of H. Exam.	1961
Rothschild, Samuel	Mar. 15, '01	Mar. 15, '01	Passed State B. of H. Exam	1901
Rendleman, James W	Mar. 22, '01	Mar. 22, '01	Jefferson Med. Col., Phila.	1894
Sherman, Charles L.	Apr. 13, '00	Apr. 13, '00	Barnes Medical College	1900
Stephens, Phil H.	Apr. 13, '00	Apr. 13, '00	St. Louis Medical College	1899
Stocker, Alfred	Apr. 17, '00	Apr. 17, '00	Barnes Medical College	1900
Sherman, Louis W	Apr. 17, '00	Apr. 17, '00	Homeop. Med. College.	1900
Sibley, Frank C.	Apr. 27, '00	Apr. 27, '00	Beaumont Hosp. Med. College	1900
Sneed, Arthur L.	Apr. 30, '00	Apr. 30, '00	Phys. & Surgs. Col., St. Louis	1900
Studer, Joseph V.	May 2, '00	May 2, '00	Marion-Sims Col. of Med.	1900
Schurtz, Carl	May 2, '00	May 2, '00	Marion-Sims Col. of Med.	1900
Steumler, Milton O.	May 7, '00	May 7, '00	Marion-Sims Col. of Med	1900
Slusher, Rhessa A.	May 2, '00	May 2, '00	Barnes Medical College.	1900
Schmalhorst, D. E.	Apr. 6, '00	Apr. 6, '00	Beaumont Hosp Med. College.	1900
Schauer, Jacob	May 12, '00	May 12, '00	University, Vienna	1895
Schnell, Arthur E.	June 25, '00	June 25, '00	Homeop. Med. College	1900
Schorf, Joseph H.	Sep. 6, '00	Sep. 6, '00	Maryland Med. College	1900
Schreve, Eva V.	Aug. 6, '00	Aug. 6, '00	American Med. Col., Indiana	1897
Shallenberger, W.	Oct. 1, '00	Oct. 1, '00	Passed State B. of H. Exam	1900
Schutt, Lewis C	Nov. 12, '00	Nov. 12, '00	Eclectic Med. Col., Cinn., O.	1889
Schreve, Franklin	Dec. 12, '00	Dec. 12, '00	...	...
Sweany, L.	Feb. 6, '01	Feb. 6, '01	Medical College, Indiana.	1881
Swift, Irving J	Feb. 23, '01	Feb. 23, '01	Passed State B. of H. Exam.	1901
Smith, Henry D.	Mar. 17, '01	Mar. 27, '01	Barnes Medical College	1901
Thorpe, John J.	Apr. 16, '00	Apr. 16, '00	Barnes Medical College	1900
Townsend, James A.	May 3, '00	May 3, '00	Beaumont Hosp. Med. College.	1900
Tolson, Benj. F.	June 15, '00	June 15, '00	Jefferson Med. Col., Phila.	1872
Taff, Samuel M.	June 21, '00	June 21, '00	Beaumont Hosp. Med. College.	1900
Thumon, Edward L.	June 22, '00	June 22, '00	Vanderbilt Univ., Tennessee	1900
Trumpour, R J	Oct. 2, '00	Oct. 2, '00	University, Toronto, Canada	1898
Tucker, Walter O. G	Oct. 16, '00	...	Phys. & Surgs. Col., St. Louis	1895
Trigg, Franklin E	Oct. 22, '00	Oct. 22, '00	Phys. & Surgs. Col., St. Louis.	1897
Tuzzer, Walter G.	Mar. 9, '01	Mar. 9, '01	Passed State B. of H. Exam.	1901
Thompson, Nathan P.	Mar. 11, '01	Mar. 11, '01	Missouri Medical College	1888
Uhlemeyer, H. Adolph	Apr. 17, '00	Apr. 17, '00	Homeop. Med. Col.	1900
Urban, Emanuel T.	Mar. 12, '01	Mar. 12, '01	Passed State B. of H. Exam.	1901
Wilson, James D	Apr. 7, '00	Apr. 7, '00	Dulton Med. Col., Chicago	1897
Wessels, Richard H.	Apr. 12, '00	Apr. 12, '00	Col. of Phys. & Surgs. St. Louis	1900
Weeke, Paul H	Apr. 12, '00	Apr. 12, '00	Col. of Phys. & Surgs., St. Louis.	1900
Weutker, Benedict	Apr. 13, '00	Apr. 13, '00	Beaumont Hosp. Med. College.	1900
Wilburn, Allie B.	Apr. 17, '00	Apr. 17, '00	Barnes Medical College.	1900
Warren, Lloyd P.	Apr. 27, '00	Apr. 27, '00	Beaumont Hosp. Med. College	1900
Williams, D. O.	July 2, '00	July 2, '00	New York University	1885
Wild, Frank	Aug. 4, '00	Aug. 4, '00	Barnes Medical College.	1900
Windsor, Norman M.	July 31, '00	July 31, '00	Barnes Medical College.	1900
Wix, Geo. B.	Sep. 5, '00	Sep. 5, '00	Hahnemann Medical College	1900
Wilson, Susan D.	Nov. 19, '00	Nov. 19, '00	Homeop. Medical College.	1900
Winter, Rosa D. L.	Nov. 19, '00	Nov. 19, '00	Homeop. Medical College.	1900
Werth, Alexander	Dec. 10, '00	Dec. 10, '00	Holemamann Inst., Berlin.	1860
Wyer, G. Harry.	Nov. 24, '00	Nov. 24, '00	Med. Dept., Harvard Univ., Mass.	1900
Wainwright, Allen G.	Mar. 12, '01	Mar. 12, '01	Passed State B. of H. Exam.	1901
Weinsberg, H. A.	Mar. 27, '01	Mar. 27, '01	Beaumont Hosp. Med. College	1901
Walton, Josiah H.	Mar. 18, '01	Mar. 18, '01	Passed State B. of H. Exam	1901
Zimmerman, Chas. A	Apr. 16, '00	Apr. 16, '00	University, Wurzberg, Germany	1868
Zepin, David	Sep. 5, '00	Sep. 5, '00	Miami Med. College, Illinois	1900

LIST OF PHYSICIANS AND MIDWIVES WHOSE CERTIFICATES WERE RECORDED DURING THE YEAR 1900-01—*Continued.*

Midwives.

NAME.	Date of Record.	Date of State Certificate.	NAME OF SCHOOL.	Date of Diploma.
Braun, Ida G	July 16, '00	July 16, '00	St. Louis College of Midwifery	1900
Brune, Wilhelmina D	Oct. 1, '00	Oct. 1, '00	St. Louis College of Midwifery	1897
Brawman, Clara D. S	Oct. 24, '00	Oct. 24, '00	Newland College, Midwifery	1886
Bierstadt, Elizabeth	Feb. 20, '01	Feb. 20, '01	St. Louis College of Midwifery	1901
Couchoud, Adele C	Sept. 17, '00	Sept. 17, '00	University of Geneva, Italy	1889
Dougherty, Bessie	Dec. 31, '00	Dec. 31, '00	Dr. Carpentier College of Midwifery	1900
Diamond, Ida	June 4, '00	June 4, '00	St. Louis College of Midwifery	1901
Donius, Mary	Dec. 31, '00	Dec. 31, '00	Dr. Carpentier College of Midwifery	1900
Dingerson, Clara	Dec. 31, '00	Dec. 31, '00	Dr. Carpentier College of Midwifery	1900
Eckerich, Lizzie	July 16, '00	July 16, '00	St. Louis College of Midwifery	1900
Heisinger, Rosina K	June 5, '00	June 5, '00	St. Louis College of Midwifery	1900
Hammond, Hattie L	July 18, '00	July 18, '00	Dr. Carpentier College of Midwifery	1900
Harig, Emma	July 18, '00	July 18, '00	Dr. Carpentier College of Midwifery	1900
Harder, Emilie	Feb. 12, '01	Feb. 12, '01	Missouri School of Midwifery	1901
Lipina, Ida	July 14, '00	July 14, '00	Western College of Midwifery, St. Louis	1900
Murphy, Mary Ellen	June 5, '00	June 5, '00	St. Louis College of Midwifery	1900
Manion, Ellen	July 14, '00	July 14, '00	Western Medical College of Midwifery	1900
Maurer, Mildred	Dec. 31, '00	Dec. 31, '00	Dr. Carpentier College of Midwifery	1900
Naes, Bertha	June 5, '00	June 5, '00	St. Louis College of Midwifery	1900
Obershelp, Fred'ka	Feb. 20, '01	Feb. 20, '01	St. Louis College of Midwifery	1901
Rieche, Mary S	Oct. 23, '00	Oct. 23, '00	University of Berlin	1878
Siveneck, Anna	Dec. 31, '00	Dec. 31, '00	Dr Carpentier College of Midwifery	1900
Thies, Mathilda C	April 2, '00	April 2, '00	Missouri School of Midwifery	1900
Wilkerning, Mary R	June 5, '00	June 5, '00	St. Louis College of Midwifery	1900

III.

SANITARY DIVISION.

Staff and Employes.

CHARLES W. FRANCIS.....Assistant Health Commissioner.
J. G. McCloskey.....Chief Clerk.

Meat Inspectors.

Oswald Matt, Leonhard Krager, Louis Ost, Ben Sebastian.

Sanitary Officers.

L. P. Baldwin,	Morris Jacks,	T. S. Hank,
A. W. Becker,	G. M. Schmoll,	Albert Willers,
Alex. Montgomery,	R. Osthaus,	Julius Muench,
Con. Molony,	L. Lehmann,	John Hooper,
Harry Knapp,	M. G. Clymer,	Frank O'Laughlin,
Oscar Bayersdoerffer,	Geo. Gershon,	John McAuliffe.

Fumigators.

O. A. Brockmeyer,	A. G. League,	J. T. Dame,
G. A. Paquet,	A. J. Witte,	T. A. Keigher,
Aug. Bergmann,	Joseph Ruga,	U. G. Greer,
O. A. Hager,	John Hillmann,	Peter Best,
Gus. Stopplewerth,	Frank Jackson,	P. P. Fritch,
B. Burkhardt,	A. J. Mosmer,	Joseph Schulter.

Inspectors.

Henry Wiebrock,	W. J. Budde,	August Riesner,
Alfred Vallat,	Wm. Helbig,	Hugo Doering,
Charles Morrell,	Theo. Bersch,	Edward Doebling,
Philip Thomas,	G. A. Hoffmann,	Wm. Jochens,
H. J. Heitmeyer,	Henry Kuffeld,	Louis Geiner,
Wm. Eichmann,	B. D. Kilcullen,	Otto E. Laumann,
Val Sidmon,	T. J. Shaw,	James Golden,
Adolph Delarbar,	J. J. Comerford,	Robert Chaber,
Charles Burchard,	John O'Laughlin,	A. G. LaBarge.

	Appropriations.	Balances.	Overdrawn.
For salaries.....	$50,000 00	$ 4 88	
" Office Expenses.....	9,000 00	71 32	
" Horses and Wagons.....	450 00	.....	
" Disinfectants.....	16,000 00	132 76	

NOTE. — The salaries of the Assistant Health Commissioner and the Meat Inspectors are paid out of the Board of Health appropriation.

One Meat Inspector was employed for the entire year, and three served for four months.

ANNUAL STATEMENT.

DEAR SIR: — I herewith forward the report of the Sanitary Division for the fiscal year ending April 1st, 1901. The tables accompanying the report give the cases and deaths of contagious diseases by districts and by months, the condition of premises from which Diphtheria, Scarlet Fever and Typhoid Fever were reported, the number of houses examined and posted, the number of houses disinfected, statistics of Typhoid Fever for fifty-one years, the deaths from contagious diseases for the past fifty-one years, and the cases for the past fourteen years. No systematic record was kept of the cases of contagious diseases prior to 1886.

Diphtheria.

During the past year, there has been a great prevalence of Diphtheria. The highest record of cases of this disease that the Department has, was in 1886, when there were 3,504 cases and 889 deaths. This past year there has been 3,486 cases and 353 deaths. In 1887, there were 2,964 cases and 951 deaths. The percentage of deaths to cases was 25.3 per cent in 1886; 32 per cent in

1887, and 10 per cent in 1900. During the fiscal year ending 1901, there were more cases than there were in both the two preceding years. In 1898 there were 1,141 cases and in 1899 there were 1,972 cases, a total of 3,113 for the two years against 3,486 for this past year. What caused this increase in Diphtheria, I am unable to say. During the first six months of the fiscal year there were 1,222 cases; during the last six months there were 2,264. It was most prevalent during the months of October, November, December and January, about one-half the cases being in those four months, but while there has been this large increase in the number of cases, the mortality rate has been the lowest that the Health Department has ever recorded.

Croup.

The number of cases of Croup reported was 129, and the number of deaths 65. This large percentage of deaths in croup cases was ascribed to the fact that very few of the Croup cases are reported. It is only when a case of Croup becomes very serious that the doctors make reports.

Scarlet Fever.

The number of cases of Scarlet Fever reported is quite large, being 1,008, which is a little less than the year previous, but the average for six years prior to 1889 was 560 cases, so in the last two years there has been a very marked increase in Scarlet Fever. The number of deaths from Scarlet Fever was exceedingly slight, being a little over half per cent.

Typhoid Fever.

The number of cases of Typhoid Fever reported was 1,160 of which 161 were fatal. This is the highest number of cases of Typhoid Fever reported since 1892. In 1895 there were 392 cases; in 1896, 281 cases; in 1897, 464 cases; in 1898, 406 cases; then in 1899 came a large increase, the number being 1,114. This was when the Chicago sewage first commenced to reach here, and this past year of 1900 shows a still larger number of cases. As I have frequently stated in former reports, it is my belief that physicians do not report all cases of Typhoid Fever that they treat, and I estimate that fully one-third more cases occur that this Department has not a record of.

Tuberculosis.

There were 1,016 deaths from this disease.

Smallpox.

The number of cases of Smallpox reported during the past year was 217, six of which were fatal. All of these deaths occurred at Quarantine. While the number of cases was very much larger than any number reported in any one year since 1894, the death rate is exceedingly low, a little over three per cent. In 1894, there were 229 cases, of which 49 were fatal, the death rate being a little over twenty-one (21%) per cent.

In a great measure, communicable diseases are taken as an idex to the health of the community. Modern science has established the fact that all these diseases, if they cannot be entirely stamped out, can be controlled, at least, to a very great extent. Of course, there are various influences which, at different times, increase these diseases. These are principally atmospherical and local conditions. The adverse conditions brought about by atmospheric influences can only be mitigated, but the local conditions can and should be corrected, and it is to be able to control local conditions that the Health

Officer demands proper legislation and liberal appropriations. Without these two important factors he is helpless.

Now, as to the proof of what I have stated. Take the case of Diphtheria. In 1886, Diphtheria for a time was almost an epidemic in this city. There were 3,504 cases and 889 deaths. It made its appearance again in 1887 and there were 2,964 cases and 951 deaths. It was in these years that for the first time in the history of the city, that the Health Department received authority to placard houses in which there were contagious diseases, but no positive authority was given to disinfect. Now, in these years (1886 and 1887) the ratio of deaths, to cases, was 32 and 33 per cent. The work of isolation and disinfection was carried on, but imperfectly.

In 1896 another epidemic came. There were 3,196 cases, of which 526 were fatal; a percentage of deaths to cases of 16. This was an improvement and a great step forward in ten years and the saving of 50 per cent in lives.

In 1896 Antitoxin was first generally used and free distribution made by the Health Department. Improvements were made in the mode of disinfection, and the placarding of houses was made more stringent; the schools urged to adopt stricter measures in relation to the admission of children.

Now comes 1900. The old style methods of fumigation done away with, a thorough system of posting houses; strict quarantine for the schools, Antitoxin liberally furnished, free of charge, to all physicians. Diphtheria again visits the city. 3,486 cases were reported, of which 353 were fatal. The ratio of deaths to cases was only 10.1 per cent. Here is a great result. Does it not compensate for the work? Had the same percentage of deaths occurred in 1900 as did in 1887, there would have been 1,115 deaths, instead of 353. Here are 762 lives saved and this great work has been accomplished by taking the advantage of modern science and discoveries by using the knowledge the world has acquired, and last, but not least, by conscientious, indefatigable work.

What has been done in the case of Diphtheria can, and should be done in all other cases, and it can be done, if the Health Officers are listened to and given the assistance they ask for.

There is another striking instance that our records give: —

Smallpox, at different times, prevailed to considerable extent in this city, and here continuous and systematic (not spasmodic) work in the line of vaccination is necessary, and this has been the course followed by the Health Department in the last six or seven years. The result: In 1869 the records show 502 cases of Smallpox with 240 deaths. In 1872 there were 3,789 cases and 1,591 deaths. These are terrible records, nearly 50 per cent of the people died. Compare this record with 1900. There were 217 cases in this city during the last fiscal year and only six (6) cases were fatal. Here are the good results of systematic vaccination, isolation and disinfection thoroughly carried out.

Who, looking at the instances that I have quoted, can lift his voice against sanitary work and say that it is useless? Do not these figures appeal to everyone? Can the worth of such good results be calculated?

During the last year 1,016 persons died of Consumption. Next year probably there will be more, and the disease will probably go on increasing, and why? Because the hands of the Health Officers are tied, and narrow-minded, indifferent legislators pay no attention to the often and urgent appeals made by the Health Commissioner, asking for legislation by which he would be able to adopt measures to check "The Great White Plague." At the same time there appear, from time to time, articles in the papers denouncing the action of the law-

makers in granting franchises, etc., to corporations, and sometimes our citizens get highly worked up at what they consider the giving away of their rights. Meetings are held, resolutions adopted and sometimes go so far that threats are made that the offices of Judge Lynch will be invoked, but not one word is ever heard in condemnation of the action of those who stand with their hands folded and see thousands of their fellow-citizens die without the slightest effort to do anything to prevent it. It cannot be told how many cases of Consumption occurred in this city last year, but it is known that 1,016 people died. The percentage cannot be given of deaths to cases; because there is no law requiring the physicians to report this disease, no law giving authority to the Health Commissioner to treat this disease as a contagious and infectious one; no law authorizing the Health Commissioner to insist, that where cases of Consumption have terminated, a thorough disinfection must be had. Why the St. Louis lawmakers refuse to do what has been done in almost every city in this country, namely, to place the lawful and official stamp of contagion on Consumption and provide measures and means for its suppression, is incomprehensible.

Garbage Collection.

During the summer of 1900, charges were frequently made in the public press and by some individuals, that the work of collecting the garbage had not been properly performed.

In order to be fully able to establish the conditions existing, and all the facts connected with the removal of garbage, I had made a careful examination of a large number of alleys and City blocks (in which blocks there are not any alleys). Twenty-five Sanitary officers were detailed for about ten days to make the examination, and I herewith submit the summary of their reports.

Before going into details, I desire to call your attention to the following provisions of the ordinance in relation to garbage, which ordinance is made part of the contract with the Garbage Contractor.

Section IV., of Ordinance 19,406, provides that the contractor shall not be required to collect garbage mixed with foreign substances.

Section V. prescribes that all receptables from which citizens expect their garbage to be removed, shall be water-tight, of strong material, with proper covers, of not less than five nor more than fifteen gallons of capacity, and portable, and that such receptacles shall be placed on the premises in the manner designated by the ordinance.

Section X. provides that householders shall place their receptacles on their own property, not more than five feet from the alley line, and where there are not any alleys, then the garbage shall be placed on the sidewalk next to the street line.

These three sections contain the essential features which the ordinance makes obligatory on citizens to comply with, if he desires and expects his garbage to be removed.

During the months of June, July and August of this year, there were collected and disposed of twenty-three thousand (23,000) tons of garbage, etc., which was two thousand five hundred (2,500) tons more than was collected in the same three months of 1898, and four thousand (4,000) tons more than was collected in the same three months of 1897.

I herewith submit a tabulated statement of the number and description of the garbage receptacles in use in 2,178 alleys. In this statement there is no

report of the receptacles in use at hotels and restaurants, as these receptacles are furnished by the contractor. The report is confined to the receptacles in use in dwelling houses, tenement houses and boarding houses.

Summarizing the result, it will be seen that the total number of receptacles found was 36,897, composed of, as follows: —

Legal receptables, portable	2,514
Chip baskets	11,800
Wooden buckets and tubs and wooden boxes	8,595
Worn-out domestic and culinary utensils, including tin, iron and galvanized buckets, tin pans, wash boilers and coal scuttles	8,735
Kegs	1,288
Barrels	1,463
Stationary in fence	2,386
Miscellaneous	116
Total	36,897

To make a conservative and yet a liberal estimate, 15 per cent of the wooden vessels, 10 per cent of the discarded iron and tin vessels, and 15 per cent of the kegs, may be found capable of holding garbage without leaking. This estimate will show the total number of receptacles suitable to hold garbage, and in a certain degree approach the meaning and intent of ordinance 19,406.

Legal receptacles of all kinds	2,514
Wooden buckets and boxes, 15 per cent of 8,595	1,289
Worn-out iron and tin vessels, 10 per cent of 8,735	874
Kegs, 20 per cent of 1,288	258
Total number fit to contain garbage	4,935

TOTAL ILLEGAL RECEPTACLES.

Chip baskets	11,800
Wooden buckets and boxes, 85 per cent of 8,595	7,306
Wornout tin and iron vessels, 90 per cent of 8,735	7,861
Kegs, 80 per cent of 1,288	1,030
Barrels	1,463
Stationary in fence	2,386
Miscellaneous	116
	31,962

The absolutely legal receptacles, properly placed, are not over 4 per cent of the whole number. The accepted legal receptacles are 6.81 per cent of the whole, the absolutely illegal receptacles 85.48 per cent of the whole, while all the vessels not leaking and including all legal receptacles is 13.37 per cent of the whole number of receptacles.

In all districts there were found 2,544 places without any kind of receptacle.

There were found in all 2,213 heaps of scattered garbage. On the day of examination, 146 receptacles were found where foreign substances were mixed with garbage.

Of all receptacles, 79.08 per cent were found on the alleys and 20.92 per cent on the premises inside.

There were found a large number of places, estimated at fully one thousand, where citizens failed to set out garbage on the sidewalks, and where the drivers of the contractor carry out the garbage from the rear of the houses. I have not made any estimate of this in the percentages given.

It will be observed that a great preponderance of the receptacles are found on the alleys; hence the alleys were found equally filthy, whether in the districts where the most or the least legal receptacles were found, as witnessed in the Sixth District, which has considerably more than one-half of all the legal recep-

tacles found in the city, and almost quite as many heaps of scattered garbage in its alleys as the congested Fourth District.

The wagon traffic through the alleys breaks up the chip baskets and wooden vessels, and scatters the garbage which is generally shoveled up by the collector if not found dumped in some dirt heap.

The filthy condition of our public alleys is mainly created by garbage receptacles crushed by passing wagons, by the leakage from barrels and kegs, from the overflow of illegal receptacles, and in a great degree by the dripping and scattered garbage from the receptacles stationary in fences. It will be seen there were found of those 2,386 in all; they have different sized openings, and are nearly all without doors and generally of such crude construction that all the garbage cannot be got from them. In front of them is always found scattered garbage supplemented by a filthy discharge.

In city blocks having no alleys, the receptacles are kept on the premises until near the time for the garbage wagon to arrive, and being habituated to the custom of having their garbage ready, the districts are found cleaner than where alleys exist.

Where alleys exist, and the garbage is kept on the premises out of the collector's reach, very often due diligence is not used to see that he takes it; hence in some districts is witnessed the condition that though the garbage wagon has recently passed, much garbage remains uncollected. This uncollected garbage has been placed there too late for that day's collection; and this neglect of the citizen, himself, to do his part proves afterwards a very fruitful source for complaint against the contractor.

With the present kind of receptacles in use, and supreme indifference of the citizens generally to the public good, as evidenced by their failure to provide some kind of a suitable receptacle, or to place the kind they may have in the position for collection required by law, the keeping of the alleys free from filth, and the collection of the city's garbage in anything like the perfect manner desired, is a task bordering on the impossible. The law clearly says, that garbage for collection must be placed on the premises so as to be accessible to the collector. This provision of the ordinance is not complied with by five per cent of the citizens who use illegal receptacles.

The estimate of the relative number of leaking and water-tight vessels, is formed from the opinions of the Sanitary Officers who made the inspection, and from my own observation.

If the provisions of Ordinance 19,406, are an essence of the contract between the City of St. Louis and the contractor for removal of garbage, then the contractor has removed a very large amount of garbage, which, by the terms of the ordinance and his contract he was not obliged to remove.

It may be asked why he has done this? The answer is simply this: had the contractor assumed to adhere to the strict interpretation of his contract, the Health Department would have insisted on a literal compliance of the ordinance in all respects, and the result would have been the driving of empty wagons about the streets and alleys, and the accumulation of a vast amount of garbage on the alleys and on the streets.

I believe that the plan adopted by the Health Department, of requiring that, as far as possible, all garbage be removed, and not insisting on literal observance of the contract in some other respects, was the wisest, in fact, it was about the only thing to be done.

Until the citizens of their own volition, or until they are compelled by a very

strict law to properly place and care for their garbage, the work of collecting the garbage will not be performed satisfactorily, and it will be impossible to strictly enforce the provisions of the contract. During the past summer there were several conditions which have caused many complaints: first, the reconstruction of several north and south streets prevented the removal of garbage from many alleys for a long period, and although the Department notified the citizens of the fact, and requested them to place the garbage on the streets and on the sidewalks, few, if any, complied. Secondly, west of Taylor avenue there are very few paved alleys, and many of these paved alleys are at all times impassable, and many are impassable for teams after several days of rain. The citizens, however, continue to place the garbage in such alleys, under these conditions the contractor cannot and will not remove it, the garbage remains for days, is scattered about and ground up in the dirt.

Considering all the circumstances, the removal of garbage by the contractor has been well done; he has had his men visit this office twice and three times each day to receive the complaints, and in no instance has hesitated to at once remedy any complaint. Of course, each day some alleys or streets were overlooked, new drivers frequently do this until they become familiar with their district, and where so many are employed, it is impossible to prevent this occurring sometimes.

There are in the city about 104 miles of paved alleys and 204 miles of unpaved alleys, and in making the examination, about 200 miles of alleys in the rear of residences and tenements were inspected.

Disinfection.

The thorough disinfection of houses and rooms where there have been any communicable diseases is the most important work the Health Department is called upon to perform, as it constitutes one of the principal means for the prevention of the spread of contagious diseases. Fully appreciating this, and knowing the various conditions that exist in different houses, this Department during the last few years has given close attention to this work, and endeavored to find a method that could be depended on, and most generally successful.

For years, Sulphur fumigation was used by this Department in the disinfection of houses, and, in connection with Sulphur fumigation, Chlorine Gas was also used; but about three years ago it was decided to abandon disinfection with Chlorine Gas; for, while probably Chlorine Gas has a stronger disinfecting power than Sulphur, the corrosive action of Chlorine is very great, and it bleaches and destroys fabrics to such an extent as to make its practical use almost impossible. But the Department continued the use of Sulphurous Acid Gas, but it is well known that this gas is also more or less destructive, and it has always been found difficult to use it at the proper strength, without damaging household goods and also paper on the walls; and all such articles as clocks, sewing machines and fine pictures had to be carefully covered or removed during the process of fumigation; hence the disinfection could not be considered thorough.

During the past eight years, disinfection by means of Formaldehyde Gas has attracted the attention of sanitary experts, who pronounced it as possessing great disinfecting capabilities, and many experiments have been made, and many apparatus have been designed for its production. Some of these are entirely unreliable. This Department experimented with quite a number of

these apparatus, but none ever tried gave entire satisfaction. The paraform pastils were found to be the best, and the Department had a large number of lamps specially constructed for the production of the gas in this form, and while the experiments made showed varied results they were not entirely satisfactory or reliable. In the experiments made it was soon discovered that, in order to have perfect results, it was necessary that considerable moisture be present in the atmosphere, and that the moisture from the burning alcohol of the lamps was not sufficient. In the absence of moisture the gaseous formaldehyde will re-polymerize, and therefore cease to be effective as a disinfectant. This Department, therefore, adopted the plan of producing the moisture by means of steam pots, the water of which pots was kept continually boiling by the use of alcohol lamps. By this process a marked improvement was noticed in the results, but in the use of lamps and pastils several difficulties and objections had to be overcome.

First: The cost of the pastils was very great.

Secondly: It was found that the greatest care had to be exercised in order that the lamps should always be in perfect condition; and as the material in both the lamps, chimneys and cups had to be of copper, their cost constituted a large item of expense.

The Department then commenced making experiments with the liquid Formaldehyde, and after conducting a number of experiments, determined upon a mode of disinfection with the liquid Formaldehyde, combining with this, steam. The process in use is as follows:—

Take a room of two thousand cubic feet. In this room is placed a pot containing two quarts of water. This pot is a copper vessel which stands on a tripod about four inches from the floor. Under the pot is a copper vessel holding about a quart and a half, which is filled with closely packed Steel Wool. Into this Steel Wool is poured a quart of Wood Alcohol. When this is lighted and placed under the pot, the water will commence to boil in about ten minutes. When the water is boiling, one quart and a quarter of forty per cent Formaldehyde is poured into the boiling water. In addition to this, there is also placed in the same room a pot containing two gallons and a half of boiling water, and under this pot is placed a similar lamp to the one placed under the pot containing the Formaldehyde; this second pot is for the purpose of producing moisture, or rather a greater amount of moisture than is produced by the boiling of the Formaldehyde and the water. At the expiration of six hours the rooms are opened. There will probably be found about one-half pint of water in the pots in which there has been Formaldehyde; this is not thrown away, but is taken and poured into a can and used the next day; for instance, the next day instead of putting on a quart and a fourth of Formaldehyde, there is one quart of Formaldehyde put in and this water that is left over from the day previous, is added. How many pots are treated in this way depends on the amount of Formaldehyde that is left over from the previous day.

The quantity of steam used in bedrooms where there have been patients with contagious diseases is the vapor given off by the boiling of two gallons of water for every two thousand (2,000) cubic feet, but in other parts of the house only about one-half of this amount of steam moisture is used. Here is a simple and easy method of disinfection; no damage is done to fabrics, nor is any metal work tarnished.

In the experiments conducted by the Department, first with the tablets and

afterwards with the mode above described, it was found that to have successful results there must be a certain degree of moisture in the atmosphere of the room; that the dry Formaldehyde gas produced by the burning of tablets is not effective.

This mode is in use in Chicago, and which has also been adopted by the Pullman Palace Company, of sprinkling Formaldehyde on sheets and hanging them up in the rooms. A thorough test was made by this Department both in the Pullman cars, themselves, and in the testing-room of this Department, and it was clearly demonstrated that this mode of fumigation or disinfection is totally worthless, and this Department has letters from the Illinois State Health Authorities stating that they had made tests on the same line and had found the same results as reported by the St. Louis Health Department.

As to the cost of Formaldehyde disinfection as used by this Department: Formaldehyde of about forty per cent can be purchased in carboys of about one hundred and thirty (130) pounds each for about eighteen and one-half (18½c.) cents per pound. The Formaldehyde weighs about eight and one-half (8½) pounds to the gallon, hence the cost per gallon of Formaldehyde is one dollar and fifty-seven ($1.57) cents, which is at the rate of about thirty-nine (39c.) cents a quart.

Using a quart and one-fourth to two thousand (2,000) cubic feet you have the cost of the Formaldehyde, fifty-two (52c.) cents; the quart of alcohol used under the pot costs twenty (20c.) cents; the quart used under the steam pot twenty (20c.) cents, so you have here a total cost of ninety-two (92c.) cents for two thousand cubic feet, or forty-six (46c.) cents per thousand. To this must be added the cost of the Steel Wool. Steel Wool costs fifty (50c.) cents a pound, and the estimate of the cost per thousand cubic feet for steel wool can be put down at five (5c.) cents, so that the average cost per thousand for disinfection with Formaldehyde Gas is about fifty-one (51c.) cents; to this must be added the cost of the copper pots and the wages of the men employed.

All mattresses and pillows in the rooms used by the sick persons are sprinkled on both sides with Formaldehyde.

It has been found that the higher the temperature in the rooms subjected to Formaldehyde disinfection, the greater the disinfecting power of the Formaldehyde; and where the temperature is low, say below sixty (60°) degrees Fahrenheit, that thorough results cannot be expected.

One of the great advantages with Formaldehyde disinfection, is that the gas is injurious to neither clothing, wall paper, photographs nor metal, and that it has no influence whatever on the sharpness of instruments, nor does it affect colors with the exception of a few of the aniline dyes which undergo a uniform change of color. Formaldehyde Gas does not possess the same power of penetration as Sulphurous Acid Gas; hence the necessity of carefully opening up all bedding and clothing as well as all drawers, closets and clothes presses.

Formaldehyde does not tend to pass out of rooms as easily as Sulphurous Acid Gas, and therefore has a distinct advantage over Sulphur in the disinfection of crowded tenement houses or the rooms of a hotel.

The amount of Formaldehyde used by this Department is *more* than is usually recommended by persons who have experimented with this gas, and who have described methods for its use; but it must be borne in mind that the actual disinfection of the houses of our citizens is a very different matter from a trial test in an experimenting room. The citizen cannot give up the use of his house or rooms for over eight hours, and, therefore, as only six hours of

this time can be given for the gas to remain in the rooms, the charge of gas must necessarily be made much stronger.

There is one vital hindrance to proper disinfection, chiefly in the cases where the family afflicted possesses only limited means and occupies only one, two or three rooms. One room has to be left for the family to occupy while the disinfection of the other rooms is in progress; and therefore, this room, from the circumstances surrounding the family, cannot be disinfected with the other. The family cannot afford to change clothing, and they re-occupy the rooms now disinfected, carrying the infection in their clothing. Disinfection under the conditions described, is far from being efficacious.

To obviate this drawback to perfect disinfection, the City should have suitable quarters where families so situated could be taken while their apartments were being disinfected. Fresh clothing could also be supplied them while their own clothing was being disinfected. In this manner a family would return to a thoroughly disinfected house, and where all his belongings are free from contagion.

In a short time the city probably will have to arrange for quarters for the Health Department somewhere in the center of the city, where the Board of Health and Health Commissioner, Mortuary Record Office, City Chemist's Office and Sanitary Division can be located, and whenever this is done, the arrangement looking to carrying out a plan for temporary quarters for persons during the time their homes are being fumigated, should be considered.

Table 26 accompanying this report shows some of the experiments made by this Department with Formaldehyde disinfection.

Plumbing and Drainage.

About twelve years ago the Municipal Assembly passed an ordinance providing for the supervision of plumbing and drain-laying, and the registration of plumbers and drain-layers. Prior to this time there was no law governing this matter, and citizens put in their houses and laid on their premises whatever form of plumbing and drain-laying suited them. The greater part of the plumbing and drain-laying put in before the year 1890 was defective, and, therefore, in that part of the city east of Grand avenue, there is always to be found a large part of the houses with unsanitary plumbing. West of Grand avenue nearly all the plumbing in all the houses has been put in since the passage of this law, and unfortunately it is found that while some of this plumbing and sewering is constructed in a proper and substantial manner, there is a great deal of the work done carelessly and with cheap material.

The Department for years back has been grappling with this subject, knowing that there is no more prolific source for the spread of contagious diseases than defective plumbing, and it has succeeded in improving the conditions that have been existing to a very large extent. The very objectionable patterns of water closets, such as the pan closet, the untrapped hopper closet and certain forms of plunger closet have almost entirely disappeared; soil pipes have been extended above the roof; fresh air traps supplied where found wanting, and the placing of traps under fixtures has been extensively enforced.

But very much yet remains to be done in this direction. The house owner when asked to remedy the defects in plumbing generally takes the stand that when he built his house, fifteen or twenty years ago, he had then complied with the city ordinances regulating the plumbing of houses, and that he could not now be forced to make the needed changes. After condemnation of this plumbing is had by the Board of Health, the order of the Health Commissioner to

abate is frequently ignored, and the matter has to be taken to the Police Courts to have the penalty for non-compliance enforced.

There is much of this old plumbing yet remaining, some of which has been patched up from time to time, to stifle the complaints of a tenant or to satisfy the scruples of the penurious house owner, himself, but under a proper test it would be found defective.

The minimum essential requirements for the plumbing and drainage of a house should comprise: a proper house drain, the portion inside the house to be of iron, with a main trap to disconnect the house from the sewer. Every house drain should be supplied with a fresh air trap, located between the main trap and the house, but not too near the windows. Every vertical soil pipe should be extended full size through the roof. Traps should be placed under all water closets, sinks, stationary wash and bath tubs, and as near these fixtures as possible, and all such traps should be separately ventilated to prevent siphonage. Notwithstanding all the work of the Department in this direction, the following defects are frequently found: Soil pipes not extended above the roofs, — the absence of fresh air traps in the house sewer. Untrapped sinks and unventilated fixtures, or where ventilated the work is so unintelligently done that siphonage is not prevented, and the escape of sewer gas is inevitable. In old plumbing the joints of the soil pipe are liable to get loose, and this applies equally to the vertical soil pipe as well as to the horizontal soil pipe which is generally laid under ground where leakage cannot be easily discovered.

In many old houses the house drain or horizontal soil pipe is of clay pipe; is very frequently of the porous quality, easily permits the escape of sewer gas, and the joints are hardly ever found gas or water tight.

In many houses are water closets in the basements for the use of the servants, and they are rarely found to be properly ventilated. Frequently they are found in very bad repair, and in many cases are placed in close contiguity to the furnace, so that foul gases are sure to be generated and disseminated through the house.

In many old houses where there are no water closets inside, and a privy vault only is in use, the absence of the main trap is very frequently discovered. During the past year the Department instituted a close inspection of all privy vaults with reference to the existence of this main trap; the investigation extending to the vault and sewer connection as to whether they were constructed to comply with the provisions of the ordinance regulating the construction of privies. As a result of this inspection a large number of new sewer connections with proper traps were put in, and very many vaults were reconstructed or repaired to comply with the requirements of the Health Commissioner.

Some of the defects described as to be found in old plumbing are liable to be found also in the best modern plumbing in the dwellings of the wealthy. Joints of soil pipes or of other fixtures are liable to get loose, and the ventilation of the fixtures may not have been carried out in exact accordance with the plans of the architect through the carelessness of the workmen.

In this class of house and in the inspection of this high-grade, modern plumbing, the inspection by a Sanitary Officer is almost valueless. To discover the escape of sewer gas, the peppermint, ether or smoke test must be applied. Of these different modes of testing for the escape of sewer gas from leaking joints experience has shown the smoke test to be the most valuable, as the smallest leak cannot escape detection, the test being properly applied, and as a precautionary measure I would recommend that the smoke test be applied at least every three or four years.

The Sanitary Condition of Alleys.

The truth of the assertion of the naturalists that "Man is the only animal who deliberately destroys himself by habits under his own control," is well exemplified by the baneful uses to which many people put our city alleys.

Alleys, in the economic arrangements of a city, are laid out and dedicated primarily for a mode of communication between houses in their respective city blocks; to facilitate traffic by giving each access to the front and rear of dwellings and of business houses; to be the place in which our city sewers can be located and most economically constructed; and, secondly, the alley is a space calculated to give additional air and sunlight, the proper supply of which is a sure factor in conducing to the health of people in a crowded city.

During the past year all our paved alleys which are in the city's charge have been cleaned regularly twice a year, and many of them in the congested districts have been cleaned as often as once a month. Yet the Street Department is no sooner through with the work of cleaning up the alley than the untidy and shiftless citizen begins anew his work of dumping on this recently cleaned alley anything and everything that his premises has to be got rid of; ashes, manure, sweepings, offal and rubbish, garbage, old bedding and old clothes as well as liquid kitchen waste, slops and wash water. These substances are scattered over the alley to be crushed by passing wagons into a dust which finds a place in the interstices of the paving. The summer heat acting on this crushed mass breeds pestilence, and where the alley has a badly worn and defective surface, this fetid material becomes the source of a dangerous nuisance.

And if there is danger of contagion originating from this state of our paved alleys, which are cleaned up by the City at regular intervals, what must be the condition of the unpaved and ungraded alleys? Very much worse, — the objectionable substances above enumerated are dumped on the unpaved alleys in greater quantities and with much less restraint because the alley is not improved; and the bulk of this filth remains there frequently until the alley is graded for pavement. The Health Department compels, as far as is within its power, the prompt removal of all such nuisances from the unpaved alleys, but heaps of filth remain in spite of their best efforts, because the identity of the parties dumping stuff on the alleys is often impossible to be fixed; even by the aid of the Police Department, which is very often called upon in the case of citizens who infringe the law in this respect. It must be remembered that the Street Commissioner has no power to clean unpaved alleys, this duty resting with the abutting property owners.

And in this connection, it is curious to observe that the filthiest unpaved alleys in the city are to be found in the west end among the mansions and the wealthy classes. Here the building lots are generally of a great depth, and the palatial residence is not very close to the filth dumped in the alley. The stenches from the putrid mass in the alley in rear of the premises do not reach the apartments of the dwelling fronting on the boulevard; hence the existence of grave nuisances continues to the great danger of the public health.

The arraignment here made against those who make improper uses of alleys by no means includes *all* our citizens; for, in the City of St. Louis, there can be found proportionately as many people who pay the strictest attention to good sanitation as in any city of the United States. To-day there can be found in parts of the north end, and in a great extent of the south end of St. Louis, paved alleys kept as scrupulously clean as it is possible

to make them; and this praiseworthy condition is found more frequently near the dwelling of the provident artisan than it is near the mansion of his wealthy employer.

The people themselves are the only obstacle to the good sanitary conditions of a city. They fail in their duty by assuming that no responsibility rests on them, as citizens, to help to enforce the laws. They scatter filth on our public alleys which the law demands shall be kept clean; thereby helping to poison the air for themselves and their neighbors to breathe; and all, because the practice of slothful habits is, to them, more important than any consideration for their own health or the general public good.

To minimize the evil effects of this condition of our public alleys, Sections 587 and 588 of the Municipal Code of 1900, should be strictly enforced; the former sections defining the obligation of the citizens in the premises, and the latter section setting forth the duty of the Police. Also, the law requiring tenants and property owners to provide legal garbage receptacles should not, for any reason, be evaded; and the erection of a proper ash-bin in connection with every house should be made obligatory.

Milk.

The provisions of the City ordinances in relation to milk are wholly inoperative; they were enacted some years ago through the influence of the dairymen. This Department has endeavored year after year to have this law repealed and an efficient statute placed on the books, but so far has not succeeded.

Through the provisions of Ordinance No. 18,407 the Department has been enabled to bring about a great improvement in the manner of conducting the dairies located inside the city limits, still they are far from being what they should be.

There are inside the city limits, about four hundred (400) dairies and nearly nine thousand (9,000) cows. I do not believe that more than 5 per cent of these dairies are conducted in a proper sanitary manner. I believe that most of the cows of these dairies, if subjected to the Tuberculin test, would show that they were nearly all suffering from Tuberculosis.

The present milk ordinance should be repealed. An ordinance should be enacted raising the standard of the milk and providing for the registration and licensing of all persons trafficking in milk. There should be also a provision for a careful and thorough inspection of all milk sold.

Weeds.

The ordinance in relation to weeds should be repealed. It is ineffective; it does not provide any means by which weeds on the property of non-residents or absentees can be removed, and the City only partially removes the weeds from her property, and until means are devised by which the weeds can be removed by the City and a tax charged against the property for doing the work, this nuisance will exist and the work done by the Department under the provisions of the present ordinance is thrown away.

The Work in the Sanitary Division:

During the past year, the men who work under my direction, have worked as faithfully as anybody in the City's employ; however, there is a limit to the amount of work that these men can do, but, I may say, there is hardly a limit to the amount of work that this Division is called upon to do. This Division of the Health Department is expected to watch the contagious diseases; examine and post houses in which they are; disinfect houses after the diseases have ter-

minated, and look after the whole sanitary condition of the city, and this latter covers a great field. First, houses in which there have been contagious diseases must be disinfected and after that work is provided for, then the inspection work has to be taken up with the remainder of the force. With the force that is now employed, this inspection work is now merely skimmed over, no thorough, systematic inspection is possible, and after the inspection has been made and proper papers made out and served, this work must be followed up by another examination to see if the orders of the Health Department have been carried out, and then when it is found that they have not been complied with, must institute proceedings in the courts; all this entails much labor and time, and the work done is limited by the force employed, therefore, when complaints come in they cannot be immediately attend to, and the Department is criticised because an unhealthy state of things is allowed to exist.

All this talk of the Police Department doing sanitary work is nothing but rubbish. They do not do it, have never done it, and, under the law, except in a few instances, cannot do it. The only thing they can do is to prevent nuisances being created by persons littering the streets and alleys with garbage, manure, filth and rubbish. I will say this for them, that since Mayor Wells has come into office, there has been a very great improvement in this respect, so far as it relates to paved alleys, but they have not done anything to prevent nuisances on unpaved alleys and many of these are in very bad condition. Unquestionably, the work on the paved alleys has been good assistance to this office, but nuisances on private property they cannot handle.

Thanking you for the great assistance afforded by your advice, and the many courtesies received at your hands, I remain,

Respectfully,

CHARLES W. FRANCIS,
Assistant Health Commissioner.

To DR. MAX C. STARKLOFF,
Health Commissioner.

IV.

DISPENSARY DIVISION.

Staff and Employees.

G. A. JORDAN, M. D.....Chief Dispensary Physician.

Assistant Physicians.

Central.

Geo. L. Kearney, M. D., E. Voerster, M. D., S. R. Johnson, M. D.

Branch Dispensaries.

S. A. Peake, M. D., L. P. Walbridge, M. D., E. H. Eyermann, M. D.,
E. F. Randall, M. D., Hy. Shomber, M. D., F. W. Abeken, M. D.

Vaccine Physicians.

A. B. Vogel, M. D., L. J. Oatman, M. D., Franz Specht, M. D.

Apothecary.

R. Fischer.

Sanitary Officer and Clerk.

M. J. Dwyer.

Ambulance Drivers.

Central.

J. N. Pearsall,	Fred. Buser,	C. L. Thomas,
Robt. Nagel,	Wm. Norman,	Chas. Ernst,
J. Fessenmeier,	Jos. Avis,	Frank Blount,
Frank Kuhn,	Frank Graves,	F. F. Fanning.

Branch Dispensaries.

J. H. Landvogt, Fred. Greiner,
J. W. Murray, Chas. Lacher.

Attendant and Janitress.

Minnie Brown.

	Appropriations.	Balances.	Overdrawn.
For salaries	$17,960 00	$112 03	
" " branch dispensaries	8,280 00	12 50	
" charity prescriptions, etc	13,500 00	.....	$80 85
" physicians temporarily employed	2,400 00	119 29	
" ambulances	750 00	15 00	
" horses	800 00	.....	
" rent of rooms	1,400 00	08	

ANNUAL STATEMENT.

SIR — I have the honor to submit for your information the following report of the Dispensary Division for the fiscal year ending March 31st, 1901. Accompanying this report are statistical tables showing the work in detail.

Dispensary Clinic.

During the year there were treated 23,885 medical and 10,358 surgical cases, a total of 34,243 cases; a decrease of 3,436 cases as compared with the year of 1900. The decrease in the medical cases was 2,944 and the surgical 492. We are using every endeavor to keep out the persons who are not eligible, and many were refused treatment that were found to be employed and capable of self-assistance.

Our arrangement with the St. Louis Provident Association has been of great value to us in this matter, an unworthy applicant rarely returns when he learns that his standing has been investigated, and even if he should, he finds that his name is on the black list, and that he cannot further practice his imposition.

In return for the investigations made by this association, we fill for them such prescriptions as they recommend, and as they recommend only such persons as have been thoroughly investigated by them, in filling these prescriptions we are only carrying out the purpose for which this place is maintained.

In addition to the treatment of the medical and surgical cases, this clinic issues all permits to the hospitals, excepting such cases as are sent to the Smallpox Hospital and the insane that are admitted to the Asylum by way of the Board of Health.

The work done by this dispensary is materially relieved by the two branch dispensaries that are maintained; the north branch looking after the poor of the north end, and the south branch those of the south end.

While these branches, of course, do much less work than is done at the central station, they are invaluable in relieving the central station, and in cases of emergency, where the emergency is far removed from the central district of the city.

This is particularly true in the sunstroke season, the prompt handling of such cases being their most important feature, early help to them being half the battle. At such times, also, the saving on the teams in avoiding long fast trips is very desirable.

Outside Work.

In addition to the actual clinical work performed, a large amount of work is done each year about the city, such as the examination of the insane at their homes, examination of contagious and other diseases, the daily visits to the City Jail for the purpose of rendering medical and surgical assistance to the prisoners, the vaccinations in the schools, tenements, mercantile houses and other places known to have been exposed to infection, and any other work requiring the examination of a physician in a question of the public health.

Hospitals:

During the year 8,942 permits were issued to the City Hospital; 2,166 to the Female Hospital, and 224 to the Smallpox Hospital. This is a total of 11,332 permits issued. This is a decrease of 549 permits to the City Hospital; 122 to the Female, and an increase of 91 to the Smallpox Hospital. For a number of years we have been greatly imposed upon by the shipping into this city of the pauper sick and insane, the outlying towns finding this a simple and inexpensive way of disposing of their dependents. I have frequently recommended that the return of these people to the localities from which they came would soon greatly diminish, if it did not stop, the practice. I am glad to be able to say that this is now being done, and I am sure that I already notice that we are getting fewer of this class of patients.

One such case returned is a notice to the community from which the person comes, that they are in the future expending their money and time to no advantage, as when the person is returned they are in the same position as they were before they bought him his ticket and assured him that St. Louis was a nice town, with good hospitals, and that he would be well cared for there.

I would recommend that the Municipal Assembly be asked to yearly appropriate a small sum for the return of such cases. The expense is smaller than the keeping of them in our hospitals, for the reason that few of them come from any distance and it would only be a few years before we would have established a reputation of refusing to be imposed upon in this manner. Money appropriated for this purpose could not be otherwise expended, and would revert to the City at the end of the year, if unused.

My arrangement with the Emergency and Rescue Homes still continues and the class of unfortunate girls who come here to hide their approaching maternity are taken care of with no expense to the City, as a rule.

I wish again to speak of these two homes as being worthy of the assistance of those charitably inclined. They are maintained solely by such subscriptions as come to them from persons to whom their work appeals, neither has any definite revenue, and they are doing a work that should appeal to every one. The Emergency Home in addition to caring for the class of unfortunates of whom I have spoken, also cares for babies and the aged.

The isolation ward continues to be maintained and has proven more and more the necessity for its existence. This ward, which has been attempted under very adverse conditions at the Old City Hospital beginning with the winter of 1894-95, was discontinued until the first day of January, 1899, at which time it was re-established on the second floor of the Old City Hall, the present location. From that date until March 31st, following, it accommodated 97 patients either suffering from smallpox or under suspicion. From April 1st, 1899, to March 31st, 1900, it received 183 patients, and from April 1st, 1900, to March 31st, 1901, 284 persons were admitted. During the past year, for the sake of economy, we have gotten along here with two nurses and a porter; the nurses, besides performing their professional duties, have been doing the cooking, and, with the assistance of the porter, all the work that was to be done.

This is asking too much of the nurses, in fact, they cannot do this and perform their work properly. I would ask either an additional nurse, or a cook to take that part of the work off of their hands.

The Insane.

During the year 807 persons insane, or supposed to have been insane, passed through our hands. Of 435 persons arrested by the police supposed to be insane, 238 were found fit for asylum treatment and were forwarded there, the remaining 197 were either discharged as sane or were taken in charge by friends. Ninety-four cases were admitted through the order of the Board of Health and 40 were examined upon application for admission to the City or Female Hospitals, found to be insane and sent to the City Insane Asylum.

The cells at the City Hospital, where the cases arrested by the police are held for observation, are very poor for this purpose, yet it seems the best that can be done under the existing circumstances.

All patients who have been at the City Insane Asylum speak most highly of that Institution and the only complaint that I have ever heard has been in reference to its crowded condition. It is not an infrequent occurrence to have ex-patients come to me with a request for readmission. This speaks highly for the management.

There was an increase of 315 in the number of insane, or supposed insane, as compared with the preceding year.

Vaccinations.

The system of vaccination continues the same as in previous years, 10,384 primary vaccinations having been made and 6,647 revaccinations, a total of 17,481. This work was done at the dispensaries, jail, holdover, tenements, schools, mercantile establishments, and in fact wherever it was indicated. This work has been so persistently pushed that it yearly grows more difficult to do, due to the fact that smallpox, while very prevalent, has been extremely

mild. For this reason the people have grown lax and much persuasion is often necessary even in cases of exposure. It is very desirable that we have some arrangement by which we will have the power to make a systematic inspection of each school child, and the right to vaccinate where there is no characteristic mark of protection. We have attempted to make such an arrancement at different times with the School Board, but have never been successful. They have a rule that excludes all unvaccinated children, but they contend that the principals and teachers are the competent ones to judge as to who is and is not protected. These judges are, of course, not competent to tell a good from a spurious scar, and, in addition, take the word of the scholar or parent as to whether the pupil has been vaccinated. During the year many children have been found attending school who have never had a successful vaccination. If we can thoroughly cover the schools, we can do an immense ammount of good work, for the school children are the nucleus from which grows the community.

A law making vaccination compulsory, as it is in some European countries, would be of the greatest benefit, but it seems we have not gotten to the stage yet where the good of the masses prevails over the desire of the individual. As a compromise and a stepping-stone to this end, I would recommend that an attempt be made to procure legislation giving us the right to inspect and vaccinate, where necessary, in the public and parochial schools, and those persons who are known to have been exposed to the infection of smallpox. I believe that this is possible.

We are still using the virus of Mulford & Co., and getting from it satisfaction.

Ambulance Service.

Our ambulance service continues first class; 10,782 calls having been responded to, and 40,970 1-7 miles covered, as against 10,233 calls and 37,900 6-7 miles of the preceding year.

With the advent of the motor vehicle as a means of transportation, it seems to me that this will make the ideal power for ambulance service.

Horses do well as far as they go, but they cannot compete with the vehicle propelled by steam, gasoline or electricity.

It may be that it is not yet well enough perfected to be perfectly reliable, but I believe that a trial of it is justifiable. One ambulance so equipped could do the work of two ambulances drawn by horses, and would certainly be just as cheap or cheaper to maintain.

I judge a good, serviceable auto-ambulance could be gotten for about $1,000.00, probably less, with a guarantee for repairs for one year, excepting accidents. An ambulance and a team with the keeping, repairing, etc., costs ever $900.00. While the automobile is a comparatively new means of locomotion, it is probable that one could be gotten cheaper than the above estimate, as a sort of advertisement.

In hot weather, during the sunstroke season, the greatest handicap is found in the matter of horse power. The horse must be carefully driven and properly rested or he succumbs, and this often entails the expensive hiring of temperary teams to relay our regular ones.

Besides this, in such weather, speed cannot be attained on two successive trips, the horse cannot do it and live. Again in winter we find the handicap of the slippery street from the sleet during the night, and the shops of the horse-

shoer full of horses, necessitating creeping along and the accompanying danger of falls and broken legs.

I believe that a trial of an automobile ambulance is due and will establish the fact that it is the best vehicle for the purpose.

City Jail.

The custom of daily visits to the City Jail for the purpose of rendering such medical and surgical assistance as may be required still prevails. During the year, 1,922 patients were seen and treated as compared with 3,081 of the preceding year.

The disposition of the average prisoner is to malinger at every opportunity, it varies the monotony of jail life for him and has given him a short floor liberty which he was quick to take advantage of.

This practice has always swelled the number of the sick at this place far beyond what it really should have been, for the health of the prisoners is as a rule exceptionally good. To refuse a prisoner treatment would always result in the claim that the doctor was negligent and inhumane and it was always policy to give some recognition of his claim even if only a placebo were given him. As an instance of this, I recall an old man there who came in one day with an agonizing pain, so he said, in his side. A careful examination revealed nothing. As treatment, I applied a piece of ordinary surgeon's adhesive plaster over the seat of the greatest pain, which treatment gave the most marked and instant relief.

For a long time, I have contended that a really sick man would be glad to give up his recess hour, and that all prisoners who applied for treatment should be locked up the succeeding recess hour. As the time he would gain by a false claim of sickness would average about half an hour, and as his recess was an hour, it appealed to me that this simple rule would weed out the maligner. On several occasions this was tried in a way but so many exceptions were made to it, that it resulted in nothing in the way of a correction of this evil.

At last, I went to the jailer and asked him to give this rule a fair trial, making no exception to anybody. This was done, and since the notice that it would be enforced without exception was posted, the sick call at the jail has fallen off about ninety per cent.

The jail continues to be in the best possible condition, as it has been since the advent of Captain Huebler and reflects credit on his management.

Smallpox.

The spread of this disease continues; 224 cases having been sent to the Smallpox Hospital as compared with 133 of the preceding year and 42 of the year 1898–99.

The mild type that appeared during the latter part of 1898 is still in evidence and is still resulting in its gradual and certain extension throughout the whole country. I do not believe that a county of the United States is free from it. Arguments as to its identity among the physicians, especially in the country, still goes on and will continue until the type changes to the severer form and many deaths occur.

From what I have seen, this is the only argument that will convince some of the unbelievers. They argue that if this is smallpox it should kill, losing sight of the fact that all diseases have their periods of mild expression. The fact that a case here and there of the most malignant type develops from exposure to these mild cases seems not to change their set opinion that it is either chickenpox or some new disease.

They also ignore the fact that with the exception of its mildness it is perfectly typical. How long it will continue as we now find it, I do not know, but it is alarming to think of the position the country will be in should it change, as it seems certain it will in time.

The State Board of Health made a spasmodic effort to do something this year in this matter, an appropriation having been made for them by the legislature for this purpose, but they had not gotten well started before the Governor telegraphed the president of the State Board to drop the matter, and this is the situation at this writing.

As a result of this order, this city and other cities who are trying to combat this disease, are being fed by cases which drift into them or are sent to them for care from the counties of the State.

I know that, if it were possible to remove every vestige of this disease from this city, it would be only a matter of a very short time before we would have a new source to start the disease going again.

I consider the action of the Governor in this matter to be very poor judgment, to say the least, and this action should not be forgotten when the future proves, as I feel sure it will, that lives could have been saved and business interests protected by allowing an intelligent expenditure of a fund provided for this purpose.

In this city we are handicapped greatly by being unable to enforce vaccinations in the exposed and in the schools, especially the parochial schools, who have always combated us on this question.

Financial.

During the year, $44,861.00 was expended in the performance of the work of this division, a balance of $228.05 remaining.

By referring to the financial table that accompanies this report, it will be seen that $6,060.00 has been expended for stabling horses.

This is by far the largest individual item that is paid out of the "Charity Prescription" fund, the fund out of which all the current expenses of this division is paid. It has long been my idea that the City should have its own stable for the care of our horses. I believe that at least one-half of this amount could be saved and much superior service would result from such an arrangement. If we were also able to purchase our goods direct, I am sure that we could show a great saving.

The middle-men's profits eat largely into our purchases and at that the jobbers are very reluctant to give us the advantages that they so eagerly offer to the retailer.

I have always insisted that we should have the same discounts, etc., that any dealer enjoys, but we only get them by absolutely refusing to have it any other way. As it is the duty of the Supply Commissioner's office to regulate the prices that are paid for our purchases, it seems that we have no option but to pay what is charged, our duty ending with the certification that the goods have been received.

Statistical Tables.

The twenty tables that accompany this report present the work in the plainest possible manner.

Table No. 1 shows the medical and surgical clinical work at the Central and Branch dispensaries. Table No. 2 shows the admissions to the hospitals and the number admitted from each station.

Table No. 3 shows the insane work and the number of patients visited by the

Chief Dispensary Physician at the Jail, also the number of reports of contagious disease investigated by him.

Table No. 4 illustrates the vaccinations and in what places this work was performed.

Table No. 5 sets forth the work performed oy the ambulance service, showing the number of calls responded to and the number of miles covered each month, from each station, with a total of each for the year.

The financial statement is presented in an itemized form in Table No. 6, all of the items excepting the salaries, rent of rooms and the purchase of horses and ambulances are embodied in one fund, which is known as the "Charity Prescription Fund."

Table No. 7 sets forth the work performed in the Jail, showing the diseases treated, and the number of each.

Tables Nos. 8 to 19 (inclusive) show in a very clear manner the work performed at the clinics of each branch for each of the months, and Table No. 20 gives the summary of the work.

In conclusion, I wish to again express my appreciation of your assistance and support in the performance of the work of this division, and to take this opportunity to thank the officers and employees for their cheerful and efficient co-operation.

Very respectfully,

G. A. JORDAN, M. D.,
Chief Dispensary Physician.

To MAX C. STARKLOFF, M. D.,
Health Commissioner.

RECORD OF PATIENTS SENT TO QUARANTINE AND SMALLPOX HOSPITAL DURING THE YEAR ENDING MARCH 31, 1901.

No.	Date.	Name.	Color	Age.	Sex	Occupation.	Residence.	Locality taken from.	Vac. Status.	Result.	Remarks.
	1900										
1	Apr. 3	Geo. W. Carter	W.	32	M.	Railway mail cl'k	2128 Olive st.	Residence.	Poor mark.	Rec'd.	Vac. in childhood.
2	Apr. 3	Geo. M. Padgett	W.	28	M.	Manager	109 N. 10th st.	Residence.	Poor mark.	Rec'd.	Vac. in childhood.
3	Apr. 4	Marshall E. Stillwagon	W.	36	M.	Well driller	6821 Manchester av.	Residence.	No mark.	Rec'd.	Never vaccinated.
4	Apr. 5	Peyton Lunil	C.	21	M.	Cable boy	1515 Lucas av.	I. W.	No mark.	Rec'd.	Never vaccinated.
5	Apr. 7	Knols Rose	W.	1½	M.	Nihil	2124 Penrose st.	Residence.	No mark.	Rec'd.	Never vaccinated.
6	Apr. 8	Rutledge Rutherford	W.	27	M.	Journalist	No home	I. W.	Poor mark.	Rec'd.	Vac. in childhood.
7	Apr. 9	Thos. J. Beaver	W.	36	M.	Bridge carpenter	Perkins, Ark.	M. P. R. R. H.	No mark.	Rec'd.	Never vaccinated.
8	Apr. 9	Joseph Elwood	W.	19	M.	Laborer	No home	I. W.	No mark.	Rec'd.	Never vaccinated.
9	Apr. 13	Nettie Cline	W.	26	F.	Waitress	6 S. 14th st.	Residence.	No mark.	Rec'd.	Never vac. (Died, pneumonia.)
10	Apr. 14	Annie Rose	W.	23	F.	Housewife	2124 Penrose st.	Residence.	No mark.	Rec'd.	Never successfully vac.
11	Apr. 16	Loretto Eichelberger	W.	4	F.	Nihil	623 Koeln st.	Residence.	No mark.	Rec'd.	Never successfully vac.
12	Apr. 16	Nellie Eichelberger	W.	7	F.	School girl	623 Koeln st.	Residence.	No mark.	Rec'd.	Never successfully vac.
13	Apr. 16	Tiny West	W.	16	F.	Laundress	623 Koeln st.	Residence.	No mark.	Rec'd.	Never successfully vac.
14	Apr. 17	Minnie West	W.	9	F.	School girl	2124 Penrose st.	Residence.	No mark.	Rec'd.	Never successfully vac.
15	Apr. 19	Wm. Cline	W.	30	M.	Car inspector	6 S. 14th st.	I. W.	No mark.	Rec'd.	Never successfully vac.
16	Apr. 20	Wm. Hoskius	C.	24	M.	Laborer	No home	M. P. R. R. H.	Old fairm.	Rec'd.	Vac. in childhood.
17	Apr. 22	Mattie Ennis	W.	22	F.	Housewife	2124 Penrose st.	Residence.	Fresh mark.	Rec'd.	Vaccinated April 7th.
18	Apr. 23	Benj. Buckner	C.	29	M.	Laborer	12th & Morgan sts.	I. W.	No mark.	Rec'd.	Never vaccinated.
19	Apr. 24	Geo. Sullivan	W.	24	M.	Laborer	No home	I. W.	No mark.	Rec'd.	Never vaccinated.
20	Apr. 24	Jas. Donnelly	W.	55	M.	Boiler maker	No home	I. W.	Good mark.	Rec'd.	Vac. in childhood.
21	Apr. 27	Hattie Stubblefield	C.	23	F.	Laundress	1504 Clark av.	Residence.	No mark.	Rec'd.	Never vaccinated.
22	Apr. 28	Horace M. Julian	W.	38	M.	Physician	7603 Virginia av.	Residence.	Fresh mark.	Rec'd.	Vaccinated April 7th.
23	Apr. 28	Mabel Wilson	W.	3	F.	Nihil	2124 Penrose st.	I. W.	No mark.	Rec'd.	Never successfully vac.
24	May 2	Jas. Williams	W.	39	M.	Cook	No home	I. W.	No mark.	Rec'd.	Never successfully vac.
25	May 3	Henry Boyd	C.	22	M.	Roustabout	11th & Morgan sts.	Residence.	No mark.	Rec'd.	Never successfully vac.
26	May 5	Wiley Ennis	W.	28	M.	Clerk	2124 Penrose st.	Residence.	No mark.	Rec'd.	Never successfully vac.
27	May 5	Max Bennett	C.	32	M.	Laborer	704 N. 14th st.	Residence.	No mark.	Rec'd.	Never vaccinated.
28	May 8	Stella Blackburn	C.	21	F.	Domestic	2341 Market st.	Residence.	Fair mark.	Rec'd.	Vac. in childhood.
29	May 8	Jacob Page	C.	18	M.	Roustabout	No home	U. S. Marine Hos.	No mark.	Rec'd.	Never suc. vaccinated.
30	May 8	Hiram Gillum	C.	24	M.	Tailor	2341 Market st.	Residence.	No mark.	Rec'd.	Never vaccinated.
31	May 8	Geo. Pendleton	C.	42	M.	Laborer	2341 Market st.	Residence.	Good mark.	Rec'd.	Vac. 10 or 12 yrs. prior.
32	May 9	Michael McKenna	W.	54	M.	Carpenter	720 S. 2nd st.	Residence.	Fair mark.	Rec'd.	Vac. in childhood.
33	May 16	Harry Hall	W.	24	M.	Tinner	1802 Hickory st.	1214 Franklin av.	No mark.	Rec'd.	Never vaccinated.
34	May 23	Reuben N. Woods	W.	23	M.	Doorkeeper	1802 Hickory st.	Residence.	No mark.	Rec'd.	Never suc. vaccinated.
35	May 24	Isaac Williams	C.	38	M.	Laborer	Granite City, Ill., no h'me	I. W.	No mark.	Rec'd.	Never vaccinated.
36	June 4	John Heller	W.	32	M.	Laborer	Joplin, Mo.	I. W.	Poor mark.	Rec'd.	Vac. in childhood.
37	June 5	Chas. Waterman	W.	45	M.	Laborer	Joplin, Mo	I. W.	No mark.	Rec'd.	Never vaccinated.
38	June 5	Wm. Scales	C.	28	M.	Laborer	315 Spruce st.	Residence.	Poor mark.	Rec'd.	Vac. in childhood.
39	June 6	Josephine Parks	C.	34	F.	Housewife	1426 Singleton st.	Residence.	No mark.	Rec'd.	Never suc. vaccinated.
40	June 9	Addie Duncan	C.	25	F.	Domestic	2812 B Stoddard st.	Residence.	No mark.	Rec'd.	Never vaccinated.
41	June 12	Jos. Farries	C.	26	M.	Laborer	109 Center st.	Residence.	No mark.	Rec'd.	Never vaccinated.
42	June 13	Jeff. Johnson	C.	27	M.	Laborer	19 Center st.	Residence.	No mark.	Rec'd.	Never vaccinated.
43	June 14	Cornelius Green	C.	27	M.	Laborer	McGebee, Ark.	M. P. R. R. H.	No mark.	Rec'd.	Never vaccinated.

RECORD OF PATIENTS SENT TO QUARANTINE AND SMALLPOX HOSPITAL DURING THE YEAR ENDING MARCH 31, 1901.

No.	Date.	Name.	Color	Age	Sex	Occupation.	Residence.	Locality taken from.	Vac. Status.	Result.	Remarks.
	1901.										
44	June 15	Wm. Robinson	C.	19	M.	Laborer	No home	I. W	Fair	Rec'd.	Vac. several years ago.
45	June 18	Jas. Holder	W.	20	M.	Laborer	N.Y.House, Main&Market	Residence	No mark	Rec'd.	Never vaccinated.
46	June 20	Stephen Ware	C.	32	M.	Laborer	1828 Morgan st	Residence	No mark	Rec'd.	Never suc. vaccinated.
47	July 13	Isabella Rollins	C.	37	F.	Laundress	1309 Morgan st	Residence	No mark	Rec'd.	Never suc. vaccinated.
48	July 22	Wm. Blackman	C.	21	M.	Laborer	Redfield, Ark	M. P. R. R. H	No mark	Rec'd.	Never vaccinated.
49	July 26	Marion Rollins	C.	44	M.	Laborer	1309 Morgan st	Residence	No mark	Rec'd	Never suc. vaccinated.
50	Aug. 14	Yarrow McAllister	W.	25	M.	Clerk	2215 Locust st	St. John's Hos	No mark	Died	Never vaccinated.
51	Sept. 3	Vina Duncan	C.	20	F.	Domestic	Greenfield, Ill	City Hos	No mark	Rec'd.	Never vaccinated.
52	Sept. 21	Mary Amberg	W.	30	F.	Seamstress	311 S. 23d st	Female Hos	No mark	Rec'd	Never suc. vaccinated.
53	Sept. 26	Jas. Stevens	W.	45	M.	R. R.	No home	City Hos	Good mark	Rec'd.	Vac. in childhood.
54	Sept. 29	Belle Davis	C.	24	F.	Laundress	1524 Morgan st	Residence	No mark	Rec'd.	Never vaccinated.
55	Oct. 4	John Amberg	W.	21 d	M.	Nihil	311 S. 23d st	Developed at S. P. Hos.	No mark	Rec'd.	Never vaccinated.
56	Oct. 4	Louis Amberg	W.	21 d	M.	Nihil	311 S. 23d st		No mark		Died of Marasmus.
57	Oct. 14	Wm. Thomas	C.	26	M.	Porter	1522 Morgan (rear)	Residence	No mark	Rec'd.	Never suc. vaccinated.
58	Oct. 14	Carrie Thomas	C.	24	F.	Domestic	1522 Morgan (rear)	Residence	No mark	Rec'd.	Never suc. vaccinated.
59	Nov. 3	Joseph Sutter	W.	40	M.	Builder	7406 Minnesota av	Residence	Very poor m	Rec'd	Vac. in childhood.
60	Nov. 15	Frank Sutter	W.	6	M.	Nihil	7406 Minnesota av	I. W	No mark	Rec'd.	Never suc. vaccinated.
61	Nov. 15	Rose Sutter	W.	12	F.	School girl	7406 Minnesota av	I. W	No mark	Rec'd.	Never suc. vaccinated.
62	Nov. 15	Leo Sutter	W.	2	M.	Nihil	7406 Minnesota av	I. W	No mark	Rec'd.	Never suc. vaccinated.
63	Nov. 19	Birdie Alexander	W.	8 mo	F.	Nihil	1119 N. 15th st	Residence	No mark	Rec'd.	Never vaccinated.
64	Nov. 19	Edw. C. C. Richter	W.	32	M.	Physician	7413 Michigan av	Residence	Poor mark	Rec'd.	Vac. in childhood.
65	Nov. 20	Alex. Smith	C.	24	M.	Laborer	350 Gimblin rd	Residence	No mark	Rec'd.	Never vaccinated.
66	Nov. 27	Jeff. Taylor	C.	36	M.	Porter	2717 Mills st	Residence	No mark	Rec'd.	Never vaccinated.
67	Dec. 1	Henry Hodges	C.	31	M.	Laborer	3102 Magazine st	Residence	No mark	Rec'd.	Never vaccinated.
68	Dec. 2	Edw. Herman	W.	33	M.	Waiter	2121 Pine st	I. W	No mark	Rec'd.	Never vaccinated.
69	Dec. 3	Melissa McDonald	C.	33	F.	Laundress	2229 Lucas av	Residence	No mark	Rec'd.	Never vaccinated.
70	Dec. 3	Geo. W. Salee	W.	40	M.	Nurseryman	Telegraph rd. (St. L. Co.)	Residence	No mark	Rec'd	Never vaccinated.
71	Dec. 5	Smith Scales	C.	51	M.	Laborer	2308 Morgan st	Residence	No mark	Rec'd.	Never vaccinated.
72	Dec 7	Rachael Taylor	C.	37	F.	Housewife	2717 Mills st	Residence	Poor mark	Rec'd.	Vac. in childhood.
73	Dec. 7	Wm. Rose	W.	39	M.	Merchant	3430 Commonwealth av	Residence	No mark	Rec'd.	Never vaccinated.
74	Dec. 7	Albert Wagner	W.	31	M.	Whitener	3430 Commonwealth av	Residence	No mark	Rec'd.	Never vaccinated.
75	Dec. 8	Mildred Thomas	C.	1	F.	Nihil	2308 Morgan st	Residence	No mark	Rec'd.	Never suc. vaccinated.
76	Dec. 12	Ralph Eads	W.	13	M.	Laborer	No home	I. W	No mark	Rec'd.	Never vaccinated.
77	Dec. 15	Leon McDonald	C.	3	M.	Nihil	2229 Lucas av	Residence	No mark	Rec'd.	Never suc. vaccinated.
78	Dec. 17	Wm. Driscoll	W.	40	M.	Laborer	Erie House	Residence	No mark	Rec'd.	Never vaccinated.
79	Dec. 17	Jno. McDermott	W.	35	M.	Laborer	4th and Clark	Residence	No mark	Rec'd.	Never vaccinated.
80	Dec. 17	Isaac Rose	W.	14	M.	Nihil	3420 Commonwealth av	Residence	No mark	Rec'd.	Never vaccinated.
81	Dec. 17	Alice Clayton	C.	19	F.	Housewife	2028 Mills st	Residence	No mark	Rec'd.	Never vaccinated.
82	Dec. 19	Henry Williams	C.	25	M.	Laborer	2028 Biddle st	Residence	No mark	Rec'd.	Never vaccinated.
83	Dec. 20	Jos. W. Schuette	W.	33	M.	Nurseryman	608 Bates st	Residence	No mark	Rec'd.	Never vaccinated.
84	Dec. 20	Ada Mahler	W.	22	F.	Housewife	1780 Mississippi av	Residence	No mark	Rec'd.	Never vaccinated.
85	Dec. 19	Walter Rose	W.	8	M.	Nihil	3420 Commonwealth av	Residence	No mark	Rec'd.	Never vaccinated.
86	Dec. 22	Lou Thompson	C.	50	F.	Domestic	1927 Market st	Residence	Good mark	Rec'd.	Vaccinated in childhood.
87	Dec. 22	Richard Rose	W.	6	M.	Nihil	3420 Commonwealth av	Residence	Fresh mark	Rec'd.	Vaccinated Dec. 5th.

88	Dec. 22	Pearl Gray	W	12	F	Nihil	2828 Mills st	Residence	Good mark	Rec'd	Vaccinated in childhood.
89	Dec. 25	Walter Simmons	C.	26	M.	Laborer	1420 Morgan st	1742 N. 12th st.	No mark	Rec'd	Never vaccinated.
	1901.										
90	Jan. 2	Edw. Howell	C.	20	M.	Teamster	1929 St Charles st	Residence	No mark	Rec'd	Never vaccinated.
91	Jan. 3	Geo. H. Mayhood	W.	48	M.	Carpenter	9th and Market	Residence.	No mark	Rec'd	Never vaccinated.
92	Jan. 4	Dewitt Burns	C.	29	M.	Porter	722 N. 23d st	Residence.	No mark	Rec'd	Never vaccinated.
93	Jan. 5	Edw. Grimes	C.	26	M.	Laborer	2006 Carr st	Residence.	No mark	Rec'd	Never vaccinated.
94	Jan. 5	Geo. Wilcox	C.	24	M.	Laborer	1923 Linden st	Residence.	Fair mark	Rec'd	Vaccinated in childhood.
95	Jan. 5	Minnie Thomas	C.	8	F	School girl	1420 Morgan st	Residence.	Fair mark	Rec'd	Vaccinated Dec. 25, 1900.
96	Jan. 6	Edw. Brooks	C.	46	M.	Teamster	1518 Gay st	Residence.	No mark	Rec'd	Never vaccinated.
97	Jan. 6	Andrew Hutt	C.	19	M.	Teamster	2320 Wash st	Residence.	No mark	Rec'd	Never vaccinated.
98	Jan. 7	Dalla Dinquard	C.	23	M.	Porter	3722 Chestnut st	Residence.	Poor mark	Rec'd	Vaccinated in childhood.
99	Jan. 7	Jno. Bass	C.	25	M.	Laborer	No home	I. W	No mark	Rec'd	Never vaccinated.
100	Jan. 9	Doc. Madison	C.	35	M.	Teamster	1317 Carr st	Residence.	Poor mark	Rec'd	Vac. in childhood
101	Jan. 14	Henry Boyce	W.	59	M.	Solicitor	5th and Clark	Residence.	No mark	Rec'd	Never vaccinated. (?)
102	Jan. 15	Julia Snethen	C.	5	F	Nihil	2006 Carr st	Residence.	Fresh mark	Rec'd	Vac Jan. 5, '01.
103	Jan. 15	Henry Harris	C.	19	M.	Waiter	1526 Pine st	Residence.	No mark	Rec'd	Never vaccinated.
104	Jan. 18	Jay Stevens	W.	30	M.	Laborer	S. Army Barracks	Residence.	Fresh mark	Rec'd	Vac. Jan. 4, '01.
105	Jan. 16	Geo. F. Freeland	W.	21	M.	Laborer	1210 Spruce st	Residence.	Very poor m.	Rec'd	Vac. in childhood.
106	Jan. 17	Benj. Parker	C.	20	M.	Laborer	17 Centre st	Residence.	No mark	Rec'd	Never vaccinated.
107	Jan. 17	John Dozier	C.	24	M.	Laborer	Wynn, Ark	M. P. R. R. Hos	No mark	Rec'd	Never vaccinated.
108	Jan. 17	Annett Snethen	C.	3	F	Nihil	2006 Carr st	Residence.	No mark	Rec'd	Never suc. vaccinated.
109	Jan. 17	Frank Gmerek	W.	19	M.	Tinner	1244 N. 3rd st	Residence.	Good mark	Rec'd	Vac. in childhood.
110	Jan. 17	Lena Williams	W.	19	F	Prost	1230 Linden st	Residence.	No mark	Rec'd	Never vaccinated.
111	Jan. 18	Wm. Pelphrey	W.	37	M.	Blacksmith	1324 Boyle av	Residence.	Very poor m.	Rec'd	Vac. in childhood.
112	Jan. 18	Arthur Pelphrey	W.	6	M.	Schoolboy	1324 Boyle av	Residence.	Fair mark	Rec'd	Vac. 4 years prior.
113	Jan. 18	Gerald Pelphrey	W.	4	M.	Nihil	1324 Boyle av	Residence.	No mark	Rec'd	Never vaccinated.
114	Jan. 19	Iva Donahoe	W.	18	F	Servant	St. Mary's Infirmary	Residence.	No mark	Rec'd	Never vaccinated.
115	Jan. 20	Jos. Faber	W.	16	M.	Laborer	Open D. Mis.,7th & Gratiot	Residence.	Poor mark	Rec'd	Vac. 10 years prior.
116	Jan. 20	Clarence Renfro	C.	20	M.	Coachman	3759 Westminster pl	Residence.	No mark	Rec'd	Never vaccinated.
117	Jan. 20	Hattie Hutt	C.	8	F	Nihil	2320 Wash st	Residence.	No mark	Rec'd	Never vaccinated.
118	Jan. 21	Della Hutt	C.	1	F	Nihil	2320 Wash st	Residence.	Good mark	Rec'd	Vac. Jan. 7, 1901.
119	Jan. 21	John Lucas	C.	34	M.	Barber	2011A Walnut st	Residence.	No mark	Rec'd	Never vaccinated.
120	Jan. 22	Benton Hutt	C.	34	M.	Hostler	1722 Morgan st	Residence.	No mark	Rec'd	Never vaccinated.
121	Jan. 22	Henry T. Claypool	C.	47	M.	Cigar Maker	No home	22nd st. R. R. crossing	No mark	Rec'd	Never vaccinated.
122	Jan. 24	Andrew Arnold	C.	23	M.	Labor	Dermott, Ark	M. P. R. R. Hos.	Poor mark	Rec'd	Vac. in childhood.
123	Jan. 24	Henry Robinson	C.	24	M.	Janitor	119 S. Leonard	Residence.	Poor mark	Rec'd	Vac. in childhood.
124	Jan. 28	Thomas Bradley	W.	44	M.	Blacksmith	Salvation Army Barracks	I. W	No mark	Rec'd	Never vaccinated.
125	Jan. 21	Uriah Ward	W.	56	M.	Laborer	4423 Race Course av	Residence.	No mark	Rec'd	Never vaccinated.
126	Jan. 31	Edw. Tutt	C.	45	M.	Hostler	1211 N. Garrison av.	Residence.	Poor mark	Rec'd	Vac. several years ago.
127	Jan. 31	Lizzie Davis	C.	20	F	Servant	1211 N. Garrison av	Residence.	No mark	Rec'd	Never vaccinated.
128	Feb. 1	David F. Carten	W.	28	M.	Saloonkeeper	3710 Cozzens ave	Residence.	No mark	Rec'd	Never vaccinated.
129	Feb. 1	Geo. T. Cuddy	W.	29	M.	Porter	3730 Evans ave	Residence.	No mark	Rec'd	Never vaccinated.
130	Feb. 1	Frances Miller	C.	17	F	Servant	1007 N. Garrison av	Residence.	No mark	Rec'd	Never vaccinated.
131	Feb. 1	Della Vordeman	C.	4	F	Nihil	1007 N. Garrison av.	Residence	No mark	Rec'd	Never vaccinated.
132	Feb. 2	Lizzie Vordemen	C.	21	F	Servant	1007 N. Garrison av.	I. W	No mark	Rec'd	Never vaccinated.
133	Feb. 3	Jos. Johnson	C.	21	M.	Laborer	304 S. 7th st	Residence.	No mark	Rec'd	Never vaccinated.
134	Feb. 5	Robt. E. Riggs	W.	29	M.	R. R.	1815 Olive st	1019 N. 21st st.	No mark	Rec'd	Never vaccinated.
135	Feb. 7	Herbert R. Freeland	W.	25	M.	Conductor	4036 Ohio av	Residence.	No mark	Rec'd	Never vaccinated.
136	Feb. 7	Louis Weissonnier	C.	17	M.	Teamster	4107 Olive st	Residence.	No mark	Rec'd	Never vaccinated.

RECORD OF PATIENTS SENT TO QUARANTINE AND SMALLPOX HOSPITAL DURING THE YEAR ENDING MARCH 31, 1901.

No.	DATE.	NAME.	Color	Age.	Sex	Occupation.	Residence.	Locality taken from.	Vac. Status.	Result.	REMARKS.
	1901.										
137	Feb. 8	Mary Tutt	C	1	F	Nihil	1221 N. Garrison	Residence	Fresh mark	Rec'd	Vac. Jan. 31, '01.
138	Feb. 11	Fred James	C	19	M	Porter	310 N. 13th st	Residence	Poor mark	Rec'd.	Vac. in childhood.
139	Feb. 12	Wm. Gaines	C	26	M	Laborer	Mo. Pac. Hospital	Mo. P. Hos	Fair mark	Rec'd	Vac. in childhood.
140	Feb. 14	Geo. Williams	C	28	M	Porter	1426 Michigan	Mo. P. Hos	Fair mark	Rec'd	Vac. in childhood.
141	Feb. 17	Minnie Riggs	W	23	F	Housewife	1805 Olive st	Residence	Fresh mark	Rec'd	Vac. Feb. 5, '01.
142	Feb. 18	Jasper O. Patterson	W	29	M	Teamster	2404A N. Broadway	Residence	No mark	Rec'd	Never vaccinated.
143	Feb. 19	Wm. Ewing	C	21	M	Housework	4249 Delmar av	Residence	No mark	Rec'd	Never vaccinated.
144	Feb. 19	Sam'l Thompson	C	27	M	Laborer	3432 W. Belle	Residence	Poor mark	Rec'd	Vac. in childhood.
145	Feb. 19	Edw. G. Gollen	W	30	M	R. R. Mail Clerk	3146 Rutger st	Residence	No mark	Rec'd	Never vaccinated.
146	Feb. 20	Harry Howard	W	32	M	Laborer	DeSoto House, 7th & M'kt	7th and Market	No mark	Rec'd	Never vaccinated.
147	Feb. 21	Dan'l Holmes	C	26	M	Laborer	No home	About town	No mark	Rec'd	Never vaccinated.
148	Feb. 22	Jas. Holbrook, Sr	W	27	M	Exp. Messenger	3115 Washington	Residence	No mark	Rec'd	Never vaccinated.
149	Feb. 23	Amos E. Hilliard	C	30	M	Coachman	4021 Fairfax	Residence	No mark	Rec'd	Never vaccinated.
150	Feb. 24	Pearl Williams	C	23	F	Servant	1615 Chestnut	Residence	No mark	Rec'd	Never vaccinated.
151	Feb. 25	Geo. Posten	W	22	M	Boot black	200 S. 21st st	Residence	No mark	Rec'd	Never vaccinated
152	Feb. 26	Willard Cline	C	33	M	Laborer	608 Athlone av	Residence	No mark	Rec'd	Never vaccinated.
153	Feb. 27	Ada Williams	C	24	F	Housewife	1426 Michigan (rear)	Residence	Fresh mark	Rec'd	Vac. Feb. 15, '01.
154	Feb. 27	Kate Fairfax	C	33	F	Laundress	4181 Washington (rear)	Residence	No mark	Rec'd	Never vaccinated.
155	Feb. 27	Monroe Fairfax	C	6	M	Nihil	4181 Washington (rear)	Residence	No mark	Rec'd	Never vaccinated.
156	Feb. 27	Phillip Fairfax	C	3	M	Nihil	4181 Washington (rear)	Residence	No mark	Rec'd	Never vaccinated.
157	Feb 27	Lucile Harris	C	24	F	Laundress	4040 Evans av. (rear)	Residence	No mark	Rec'd	Never vaccinated.
158	Feb. 27	Lizzie Henry	C	26	F	Laundress	4032 Lucky st. (rear)	Residence	Very poor m	Rec'd	Vac. in childhood.
159	Feb. 27	Antoinette Higgins	C	8	F	School girl	4026 Lucky st	Residence	No mark	Rec'd	Never vaccinated.
160	Feb. 27	Charles Higgins	C	12	M	School boy	4026 Lucky st	Residence	No mark	Rec'd	Never vaccinated.
161	Feb. 27	Ida Fairfax	C	15	F	Servant	4181 Washington av	Residence	Poor mark	Rec'd	Vac. 7 years prior.
162	Feb. 27	Abraham Scott	C	49	M	Laborer	2631 N. Pendleton av	Residence	Fair mark	Rec'd	Vac. several years ago.
163	Feb. 27	John Bell	W	33	M	R. R.	No home	I. W	No mark	Rec'd	Never vaccinated.
164	Feb. 27	Geo. Benson	C	31	M	Barber	4769 Easton av	Residence	No mark	Rec'd	Never vaccinated.
165	Mch. 2	John Young	C	22	M	Laborer	Kansas City, Mo., no h'me	I. W	No mark	Rec'd	Never vaccinated.
166	Mch. 2	Frank Zimmermann	W	23	M	Beer Bottler	2202 Gravois av	Residence	No mark	Rec'd	Never vaccinated.
167	Mch. 2	Oscar O. Brown	W	29	M	Trav. Salesman	3330 Chestnut st	Residence	No mark	Rec'd	Never vaccinated.
168	Mch. 2	Adrian B. Clarkson	W	31	M	Deliveryman	3646 Clark av	I. W	No mark	Rec'd	Never vaccinated.
169	Mch. 3	Chas. Thomas	C	35	M	Laborer	No home. Newport, Ill	I. W	No mark	Rec'd	Never vaccinated.
170	Mch. 3	Geo. Robinson	C	31	M	Laborer	18 N. 12th st	I. W	No mark	Rec'd	Never vaccinated.
171	Mch. 4	Horace Scott	C	29	M	Laborer	4040 Evans av. (rear)	I. W	No mark	Rec'd	Never vaccinated.
172	Mch. 4	Fred Nelson	W	37	M	Fireman	Mo. P. R. R. Hospital	I. W	Good mark	Rec'd	Vac. in childhood.
173	Mch. 4	Isaac Watkins	C	23	M	Laborer	706 N. 15th st	I. W	No mark	Rec'd	Never vaccinated.
174	Mch. 4	Gilbert V. Lyles	W	21	M	Laborer	Salvation Army Barracks	I. W	No mark	Rec'd	Never vaccinated.
175	Mch. 6	David S. Day	W	41	M	Laborer	1920 N. Broadway	Residence	No mark	Rec'd	Never vaccinated.
176	Mch. 6	Fannie Jackson	C	27	F	Housekeeper	1606 Pine st	Residence	No mark	Rec'd	Never vaccinated.
177	Mch. 7	Walter Gray	W	24	M	Pressman	Erie House, 4th & Clark	R. I. W	No mark	Rec'd	Never vaccinated.
178	Mch. 7	Isem Williams	C	24	M	Porter	1615 Chestnut st	Residence	Poor mark	Rec'd	Vac. in childhood & re-vac. Feb. 28 '01.
179	Mch. 7	Frank C. Fenton	W	31	M	Laborer	6615 Villa av	Residence	No mark	Rec'd	Never vaccinated.

180	Mch. 8	John Schachner	W	25	M	Porter	2848 S. 13th st	Residence	No mark	Rec'd	Never vaccinated.
181	Mch. 9	Russell Bleteon	C	29	M	Musician	217 Clark av.	Residence	No mark	Rec'd	Never vaccinated.
182	Mch. 9	Theodore Sittner	W	19	M	Shoemaker	5307 University	I. W	No mark	Rec'd	Never vaccinated.
183	Mch. 10	Ruth Cline	C	8 mos	F	Nihil	608 Athlone av	Developed at S. P. Hos.	No mark	Rec'd	Vac. Feb. 26, 1901.
184	Mch. 10	Fannie Cline	C	24	F	Housewife	608 Athlone av	Developed at S. P. Hos.	No mark	Rec'd	Vac. Feb. 26, 1901.
185	Mch. 10	Nora Tapy	W	22	F	Housewife	1007 N. Garrison	Residence	No mark	Rec'd	Never vaccinated.
186	Mch. 10	John Shea	W	29	M	Clerk	Cherokee Hotel	I. W	No mark	Rec'd	Never vaccinated.
187	Mch. 10	James Toles	C	22	M	Laborer	No home	I. W	Fair mark	Rec'd	Vac. in childhood.
188	Mch. 11	Willis Sydner	C	18	M	Teamster	3932 Fairfax av	Residence	No mark	Rec'd	Never vaccinated.
189	Mch. 12	Julia Russell	W	38	F	Housewife	930 N. Garrison	Residence	No mark	Rec'd	Never vaccinated.
190	Mch. 13	Cornelius Haggerty	W	32	M	Laborer	109 Market st	I. W	No mark	Rec'd	Never vaccinated.
191	Mch. 13	Roscoe B. Young	W	23	M	Journalist	Erie House (4th & Clark)	I. W	No mark	Rec'd	Never vaccinated.
192	Mch. 14	Jos. Irving	W	47	M	Teamster	324 Clark av	Residence	No mark	Rec'd	Never vaccinated.
193	Mch. 16	John A. Ford	W	40	M	Tinner	Texarkana, Texas	Grand Union Hotel	Good mark	Rec'd	Vac. in childhood.
194	Mch. 17	Laura J. Day	W	43	F	Housewife	1920 N. Broadway	Residence	Good mark	Rec'd	Vac. March 6, '01.
195	Mch. 17	Alex. Smith	C	45	M	Peddler	810 N. 13th st	I. W	No mark	Rec'd	Never vaccinated.
196	Mch. 18	Kate Goodloe	C	34	F	Housewife	810 N. 13th st	I. W	No mark	Rec'd	Never suc. vaccinated.
197	Mch. 18	Lulu Goodloe	C	4	F	Nihil	810 N. 13th st	I. W	Good mark	Rec'd	Vac. Feb. 12, 1901.
198	Mch. 18	Chas. T. Whitlow	W	26	M	Brakeman	Memphis, Tenn	M. P. R. R. H	No mark	Rec'd	Never vaccinated.
199	Mch. 18	Willie Knott	W	28	F	Milliner	Springfield, Ky	St. John's Infirmary	No mark	Rec'd	Never vaccinated.
200	Mch. 20	David F. Zahn	W	34	M	Saloonkeeper	1620 Market st	Residence	No mark	Rec'd	Never vaccinated.
201	Mch. 20	Jeff. Young	C	35	M	Laborer	1113 Carr st	I. W	No mark	Rec'd	Never vaccinated.
202	Mch. 20	Harry Blackberger	W	12	M	School boy	2825 Lawton av	Residence	Faint mark	Rec'd	Vac. several years ago.
203	Mch. 20	Ernest Daily	W	7	M	Nihil	2825 Lawton av	Residence	No mark	Rec'd	Never vaccinated.
204	Mch. 20	Alice Basquir	W	17	F	Servant	2825 Lawton av	Residence	No mark	Rec'd	Never vaccinated.
205	Mch. 20	Ernest Breeza	W	5	M	Nihil	2825 Lawton av	Residence	No mark	Rec'd	Never vaccinated.
206	Mch. 20	Annie Dillinger	W	15	F	Servant	2825 Lawton av	Residence	No mark	Rec'd	Never vaccinated.
207	Mch. 20	Chas. McRill	W	1½	M	Nihil	2825 Lawton av	Residence	No mark	Rec'd	Never vaccinated.
208	Mch. 21	Jas. H. Kent	C	28	M	Pullman Porter	2615 Lucas av	Residence	Poor mark	Rec'd	Vac. 1 year ago.
209	Mch. 21	Edw. A. Williams	W	24	M	Painter	DeSoto House	Residence	No mark	Rec'd	Never vaccinated.
210	Mch. 22	John Wesley	C	28	M	Laborer	949 W. Cabanne Court	Residence	No mark	Rec'd	Never vaccinated.
211	Mch. 22	Jas. Wright	C	14	M	School boy	3948 Fairfax av	Residence	Good mark	Rec'd	Vac. March 11, '01.
212	Mch. 22	John Biefer	W	58	M	Laborer	2202 Gravois av	Residence	Poor mark	Rec'd	Vac. in childhood.
213	Mch. 23	Ninnie Shivers	C	3	F	Nihil	4108 Margaretta st	Residence	No mark	Rec'd	Never vaccinated.
214	Mch. 24	Hy. A. Schoknecht	W	32	M	Trav. salesman	4240 Shaw av	Residence	No mark	Rec'd	Never vaccinated.
215	Mch. 24	Theo. Holmland	W	23	M	Fireman	Baring Cross, Ark	M. P. R. R. H	No mark	Rec'd	Never vaccinated.
216	Mch. 25	Winston Tutt	C	54	M	Laborer	106 S. 11th st	Residence	No mark	Rec'd	Never vaccinated.
217	Mch. 25	Hy. G. Schnaare	W	35	M	Trav. salesman	2010½ Hebert	Residence	No mark	Rec'd	Never vaccinated.
218	Mch. 25	John Stage	W	32	M	Expressman	2734 Lucas av	Residence	No mark	Rec'd	Never vaccinated.
219	Mch. 26	John Wenz	W	26	M	Range maker	2762 Caroline st	Residence	No mark	Died	Never vaccinated.
220	Mch. 27	Eva Grant	C	15	F	Servant	1316 N. 9th st	Residence	No mark	Rec'd	Never vaccinated.
221	Mch. 28	Fred Sefton	W	18	M	Stenographer	3006 Thomas st	Residence	No mark	Rec'd	Never vaccinated.
222	Mch. 31	Annie Hagen	W	9	F	Nihil	2825 Lawton av	Residence	No mark	Rec'd	Vac. 3-19-'01, but no result
223	Mch. 31	Robt. Wesley	C	29	M	Laborer	949 W. Cabanne Court	Residence	No mark	Rec'd	Never suc. vaccinated.
224	Mch. 31	Sam'l Pierson	C	25	M	Porter	949 W. Cabanne Court	Residence	No mark	Rec'd	Never vaccinated.
	Outside Case. 1901.										
1	Mar. 19	Edith Scott	C	6	F	Nihil	Webster Groves	Residence	No mark	Rec'd	Never vaccinated.

RECORD OF PATIENTS SENT TO QUARANTINE AND SMALLPOX HOSPITAL DURING THE YEAR ENDING MARCH 31, 1901.

No.	DATE.	NAME.	Color	Age.	Sex	Occupation.	Residence.	Locality taken from.	Vac. Status.	Result.	REMARKS.
	1901.										
137	Feb. 8	Mary Tutt	C	1	F	Nihil	1221 N. Garrison	Residence	Fresh mark	Rec'd	Vac. Jan. 31, '01.
138	Feb. 11	Fred James	C	19	M	Porter	310 N. 13th st	Residence	Poor mark	Rec'd	Vac. in childhood.
139	Feb. 12	Wm. Gaines	C	26	M	Laborer	Mo. Pac. Hospital	Mo. P. Hos	Fair mark	Rec'd	Vac. in childhood.
140	Feb. 14	Geo. Williams	C	28	M	Porter	1426 Michigan	Mo. P. Hos	Fair mark	Rec'd	Vac. in childhood.
141	Feb. 17	Minnie Riggs	W	23	F	Housewife	1805 Olive st	Residence	Fresh mark	Rec'd	Vac. Feb. 5, '01.
142	Feb. 18	Jasper O. Patterson	W	29	M	Teamster	2404A N. Broadway	Residence	No mark	Rec'd	Never vaccinated.
143	Feb. 19	Wm. Ewing	C	21	M	Housework	4249 Delmar av	Residence	No mark	Rec'd	Never vaccinated.
144	Feb. 19	Sam'l Thompson	C	27	M	Laborer	3432 W. Belle	Residence	Poor mark	Rec'd	Vac. in childhood.
145	Feb. 19	Edw. G. Gollen	W	30	M	R. R. Mail Clerk	3146 Rutger st	Residence	No mark	Rec'd	Never vaccinated.
146	Feb. 20	Harry Howard	W	32	M	Laborer	DeSoto House, 7th & M'kt	7th and Market	No mark	Rec'd	Never vaccinated.
147	Feb. 21	Dan'l Holmes	C	26	M	Laborer	No home	About town	No mark	Rec'd	Never vaccinated.
148	Feb. 22	Jas. Holbrook, Sr.	W	27	M	Exp. Messenger	3115 Washington	Residence	No mark	Rec'd	Never vaccinated.
149	Feb. 23	Amos E. Hilliard	C	30	M	Coachman	4021 Fairfax	Residence	No mark	Rec'd	Never vaccinated.
150	Feb. 24	Pearl Williams	C	23	F	Servant	1615 Chestnut	Residence	No mark	Rec'd	Never vaccinated.
151	Feb. 25	Geo. Posten	W	22	M	Boot black	200 S. 21st st	Residence	No mark	Rec'd	Never vaccinated
152	Feb. 26	Willard Cline	C	33	M	Laborer	608 Athlone av	Residence	No mark	Rec'd	Never vaccinated.
153	Feb. 27	Ada Williams	C	24	F	Housewife	1426 Michigan (rear)	Residence	Fresh mark	Rec'd	Vac. Feb. 15, '01.
154	Feb. 27	Kate Fairfax	C	33	F	Laundress	4181 Washington (rear)	Residence	No mark	Rec'd	Never vaccinated.
155	Feb. 27	Monroe Fairfax	C	6	M	Nihil	4181 Washington (rear)	Residence	No mark	Rec'd	Never vaccinated.
156	Feb. 27	Phillip Fairfax	C	3	M	Nihil	4181 Washington (rear)	Residence	No mark	Rec'd	Never vaccinated.
157	Feb. 27	Lucile Harris	C	24	F	Laundress	4040 Evans av. (rear)	Residence	No mark	Rec'd	Never vaccinated.
158	Feb. 27	Lizzie Henry	C	26	F	Laundress	4032 Lucky st. (rear)	Residence	Very poor m	Rec'd	Vac. in childhood.
159	Feb. 27	Antoinette Higgins	C	8	F	School girl	4026 Lucky st	Residence	No mark	Rec'd	Never vaccinated.
160	Feb. 27	Charles Higgins	C	12	M	School boy	4026 Lucky st	Residence	No mark	Rec'd	Never vaccinated.
161	Feb. 27	Ida Fairfax	C	15	F	Servant	4181 Washington av	Residence	Poor mark	Rec'd	Vac. 7 years prior.
162	Feb. 27	Abraham Scott	C	49	M	Laborer	2631 N. Pendleton av	Residence	Fair mark	Rec'd	Vac. several years ago.
163	Feb. 27	John Bell	W	33	M	R. R.	No home	I. W	No mark	Rec'd	Never vaccinated.
164	Feb. 27	Geo. Benson	C	31	M	Barber	4769 Easton av	Residence	No mark	Rec'd	Never vaccinated.
165	Mch. 2	John Young	C	23	M	Laborer	Kansas City, Mo., no h'me	I. W	No mark	Rec'd	Never vaccinated.
166	Mch. 2	Frank Zimmermann	W	23	M	Beer Bottler	2202 Gravois av	Residence	No mark	Rec'd	Never vaccinated.
167	Mch. 2	Oscar O. Brown	W	29	M	Trav. Salesman	3330 Chestnut st	Residence	No mark	Rec'd	Never vaccinated.
168	Mch. 2	Adrian B. Clarkson	W	31	M	Delliveryman	3846 Clark av	I. W	No mark	Rec'd	Never vaccinated.
169	Mch. 3	Chas. Thomas	C	35	M	Laborer	No home. Newport, Ill	I. W	No mark	Rec'd	Never vaccinated.
170	Mch. 3	Geo. Robinson	C	31	M	Laborer	18 N. 12th st	I. W	No mark	Rec'd	Never vaccinated.
171	Mch. 4	Horace Scott	C	29	M	Laborer	4040 Evans av. (rear)	I. W	No mark	Rec'd	Never vaccinated.
172	Mch. 4	Fred Nelson	W	37	M	Fireman	Mo. P. R. R. Hospital	I. W	Good mark	Rec'd	Vac. in childhood.
173	Mch. 4	Isaac Watkins	C	23	M	Laborer	706 N. 15th st	I. W	No mark	Rec'd	Never vaccinated.
174	Mch. 4	Gilbert V. Lyles	W	21	M	Laborer	Salvation Army Barracks	I. W	No mark	Rec'd	Never vaccinated.
175	Mch. 6	David S. Day	W	41	M	Laborer	1920 N. Broadway	Residence	No mark	Rec'd	Never vaccinated.
176	Mch. 6	Fannie Jackson	C	27	F	Housekeeper	1606 Pine st	Residence	No mark	Rec'd	Never vaccinated.
177	Mch. 7	Walter Gray	W	24	M	Pressman	Erie House, 4th & Clark	R. I. W	No mark	Rec'd	Never vaccinated.
178	Mch. 7	Isem Williams	C	24	M	Porter	1615 Chestnut st	Residence	Poor mark	Rec'd	Vac. in childhood & re-vac. Feb. 23 '01.
179	Mch. 7	Frank C. Fenton	W	31	M	Laborer	6615 Villa av	Residence	No mark	Rec'd	Never vaccinated.

180	Mch. 8	John Schachner	W	25	M	Porter	2848 S. 13th st	Residence	No mark	Rec'd	Never vaccinated.
181	Mch. 9	Russell Bletson	C	29	M	Musician	217 Clark av	Residence	No mark	Rec'd	Never vaccinated.
182	Mch. 9	Theodore Sittner	W	19	M	Shoemaker	5307 University	I. W	No mark	Rec'd	Never vaccinated.
183	Mch. 10	Ruth Cline	C	8 mos	F	Nihil	608 Athlone av	Developed at S. P. Hos.	No mark	Rec'd	Vac. Feb. 26, 1901.
184	Mch. 10	Fannie Cline	C	24	F	Housewife	608 Athlone av	Developed at S. P. Hos.	No mark	Rec'd	Vac. Feb. 26, 1901.
185	Mch. 10	Nora Tapy	W	22	F	Housewife	1007 N. Garrison	Residence	No mark	Rec'd	Never vaccinated.
186	Mch. 10	John Shea	W	29	M	Clerk	Cherokee Hotel	I. W	No mark	Rec'd	Never vaccinated.
187	Mch. 10	James Toles	C	23	M	Laborer	No home	I. W.	Fair mark	Rec'd	Vac. in childhood.
188	Mch. 11	Willis Sydner	C	18	M	Teamster	3932 Fairfax av	Residence	No mark	Rec'd	Never vaccinated.
189	Mch. 12	Julia Russell	W	38	F	Housewife	930 N. Garrison	Residence	No mark	Rec'd	Never vaccinated.
190	Mch. 13	Cornelius Haggerty	W	32	M	Laborer	109 Market st	I. W	No mark	Rec'd	Never vaccinated.
191	Mch. 13	Roscoe B. Young	W	23	M	Journalist	Erie House (4th & Clark.)	I. W	No mark	Rec'd	Never vaccinated.
192	Mch. 14	Jos. Irving	W	47	M	Teamster	324 Clark av	Residence	No mark	Rec'd	Never vaccinated.
193	Mch. 16	John A. Ford	W	40	M	Tinner	Texarkana, Texas	Grand Union Hotel	Good mark	Rec'd	Vac. in childhood.
194	Mch. 17	Laura J. Day	W	43	F	Housewife	1920 N. Broadway	Residence	Good mark	Rec'd	Vac. March 6, '01.
195	Mch. 17	Alex. Smith	C	45	M	Peddler	810 N. 13th st	I. W	No mark	Rec'd	Never vaccinated.
196	Mch. 18	Kate Goodloe	C	34	F	Housewife	810 N. 13th st	I. W	No mark	Rec'd	Never suc. vaccinated.
197	Mch. 18	Lulu Goodloe	C	4	F	Nihil	810 N. 13th st	I. W	Good mark	Rec'd	Vac. Feb. 12, 1901.
198	Mch. 18	Chas. T. Whitlow	W	26	M	Brakeman	Memphis, Tenn	M. P. R. R. H.	No mark	Rec'd	Never vaccinated.
199	Mch. 18	Willie Knott	W	28	F	Milliner	Springfield, Ky	St. John's Infirmary	No mark	Rec'd	Never vaccinated.
200	Mch. 20	David F. Zahn	W	34	M	Saloonkeeper	1620 Market st	Residence	No mark	Rec'd	Never vaccinated.
201	Mch. 20	Jeff. Young	C	35	M	Laborer	1113 Carr st	I. W	No mark	Rec'd	Never vaccinated.
202	Mch. 20	Harry Blackberger	W	12	M	School boy	2825 Lawton av	Residence	Faint mark	Rec'd	Vac. several years ago.
203	Mch. 20	Ernest Daily	W	7	M	Nihil	2825 Lawton av	Residence	No mark	Rec'd	Never vaccinated.
204	Mch. 20	Alice Basquir	W	17	F	Servant	2825 Lawton av	Residence	No mark	Rec'd	Never vaccinated.
205	Mch. 20	Ernest Breeza	W	5	M	Nihil	2825 Lawton av	Residence	No mark	Rec'd	Never vaccinated.
206	Mch. 20	Annie Dillinger	W	15	F	Servant	2825 Lawton av	Residence	No mark	Rec'd	Never vaccinated.
207	Mch. 20	Chas. McRill	W	1½	M	Nihil	2825 Lawton av	Residence	No mark	Rec'd	Never vaccinated.
208	Mch. 21	Jas. H. Kent	C	28	M	Pullman Porter	2615 Lucas av	Residence	Poor mark	Rec'd	Vac. 1 year ago.
209	Mch. 21	Edw. A. Williams	W	24	M	Painter	DeSoto House	Residence	No mark	Rec'd	Never vaccinated.
210	Mch. 22	John Wesley	C	28	M	Laborer	949 W. Cabanne Court	Residence	No mark	Rec'd	Never vaccinated.
211	Mch. 22	Jas. Wright	C	14	M	School boy	3948 Fairfax av	Residence	Good mark	Rec'd	Vac. March 11, '01.
212	Mch. 22	John Biefer	W	58	M	Laborer	2202 Gravois av	Residence	Poor mark	Rec'd	Vac. in childhood.
213	Mch. 23	Ninnie Shivers	C	3	F	Nihil	4108 Margaretta st	Residence	No mark	Rec'd	Never vaccinated.
214	Mch. 24	Hy. A. Schoknecht	W	32	M	Trav. salesman	4240 Shaw av	Residence	No mark	Rec'd	Never vaccinated.
215	Mch. 24	Theo. Holmland	W	23	M	Fireman	Baring Cross, Ark	M. P. R. R. H.	No mark	Rec'd	Never vaccinated.
216	Mch. 25	Winston Tutt	C	54	M	Laborer	106 S. 11th st	Residence	No mark	Rec'd	Never vaccinated.
217	Mch. 25	Hy. G. Schnaare	W	35	M	Trav. salesman	2010½ Hebert	Residence	No mark	Rec'd	Never vaccinated.
218	Mch. 25	John Stage	W	32	M	Expressman	2734 Lucas av	Residence	No mark	Rec'd	Never vaccinated.
219	Mch. 26	John Wenz	W	26	M	Range maker	2762 Caroline st	Residence	No mark	Died	Never vaccinated.
220	Mch. 27	Eva Grant	C	15	F	Servant	1316 N. 9th st	Residence	No mark	Rec'd	Never vaccinated.
221	Mch. 28	Fred Sefton	W	18	M	Stenographer	3006 Thomas st	Residence	No mark	Rec'd	Never vaccinated.
222	Mch. 31	Annie Hagen	W	9	F	Nihil	2825 Lawton av	Residence	No mark	Rec'd	Vac. 3-19-'01, but no result
223	Mch. 31	Robt. Wesley	C	29	M	Laborer	949 W. Cabanne Court	Residence	No mark	Rec'd	Never suc. vaccinated.
224	Mch. 31	Sam'l Pierson	C	25	M	Porter	949 W. Cabanne Court	Residence	No mark	Rec'd	Never vaccinated.
Outside Case. 1901.											
1	Mar. 19	Edith Scott	C	6	F	Nihil	Webster Groves	Residence	No mark	Rec'd	Never vaccinated.

V.

CHEMIST'S DIVISION.

Staff and Employees.

WM. C. TEICHMANN, PH. D. ..... City Chemist.
Thos. A. Buckland ..... Assistant City Chemist.
Amand Ravold, M. D. ..... Consulting Bacteriologist.

Clerk and Laboratory-Helper.

Anthony Stock.

Janitor.

Henry Taylor.

	Appropriations.	Balances.	Overdrawn.
For chemicals, apparatus, office rent, etc.	$3,000 00	.....	$52 24
" analyses of 3,741 samples of water from Chicago Drainage Canal, Des Plaines, Illinois, Mississippi and Missouri rivers	28,200 00	$57 06	

NOTE. — The salaries of the Chemist and Assistant are paid out of the Board of Health appropriation. Also the fees of the Bacteriologist.

ANNUAL STATEMENT.

DEAR SIR — I herewith present my report of the work conducted in the City Chemist's office during the fiscal year 1900–1901.

Number of samples of river water analyzed	3,741
" " " " well water analyzed	10
" " " " cistern water analyzed	7
" " " " spring water analyzed (Meramec Springs)	4
" " forensic analyses for the Police Department	22
" " analyses of specimens of viscera and articles suspected of containing poison, performed for the Coroner's Office	8
" " analyses of disinfectants for the Sanitary Division	20
" " bacteriological examinations in connection with disinfection, conducted for the Sanitary Division	186
" " analyses of drugs performed for the City Dispensary	8
" " analyses of articles of food (including samples of milk furnished to the City Institutions)	10
" " culture-tubes prepared for the bacteriological diagnosis of diphtheria	10,000
" " culture-tubes prepared in connection with the bacteriological analysis of samples of river water under the supervision of the Consulting Bacteriologist, Dr. Amand Ravold	20,000
" " bacteriological examinations of culture-tubes for the diagnosis of diphtheria, made in co-operation with the Consulting Bacteriologist	1,826
" " physicians, excepting those employed in the City institutions, who sent culture-tubes to the office for bacteriological examination for diphtheria	375
" " cases of diphtheria identified by bacteriological examination.	866
" " microscopic examinations of sputum for the diagnosis of tuberculosis, made in co-operation with the Consulting Bacteriologist	671
" " physicians who sent specimens of sputum for examination for tuberculosis	181
" " cases of tuberculosis identified by microscopic examination ..	221
" " cases of typhoid fever contracted in St. Louis and identified by bacteriological examination	563

Number of	bacteriological examinations of specimens of blood for the diagnosis of typhoid fever, made in co-operation with the Consulting Bacteriologist	1,895
"	" physicians, excepting those employed in the City institutions, who sent specimens of blood for bacteriological diagnosis of typhoid fever	258
"	" blood specimens which showed positive reaction or true typhoid fever, identified by bacteriological examination	570
Quantity of antitoxin prepared by the Consulting Bacteriologist and distributed to physicians upon application, 22,850 cubic centimeters.		
Number of	diphtheria cases treated with antitoxin	758
"	" persons immunized with antitoxin	276
"	" " (total) injected with antitoxin	1034

The principal work conducted in the City Chemist's office during the fiscal year 1900–1901, was connected with the injunction suit of the State of Missouri and the City of St. Louis against the State of Illinois and the Sanitary District of Chicago, now pending before the United States Supreme Court. The origin and cause of this litigation has already been discussed in my report for the fiscal year 1899-1900, also the fact that until April 1, 1900, 943 samples of water, collected from the Chicago Drainage Canal, Des Plaines, Illinois, Mississippi and Missouri rivers, also from the reservoirs and the tap of our waterworks, were analyzed chemically and bacteriologically in the City Chemist's office for the purpose of ascertaining the degree and source of pollution of our City water from sewage.

This investigation was continued on the same large scope during the last fiscal year until the month of November, 1900, when the fund for this work was exhausted, and the analytical survey had to be terminated accordingly. The reports on the chemical and bacteriological investigation until November, 1900, were duly presented in January, 1901, to the Honorable Health Commissioner, who in turn delivered them to the City Counselor for use in the pending injunction suit.

Since this litigation is still pending and the investigation will be resumed in the near future, I am not at liberty to discuss at this time the results and conclusions reached thus far and their influence on the merits of this litigation. It may suffice here to mention that the analytical data presented thus far, and the conclusions derived therefrom, are considered good "prima facie" evidence of the justification of this litigation by counsel representing the St. Louis side. The final reports on the entire investigation will be presented upon the conclusion of the latter during the fiscal year and printed for publication.

When the general investigation was terminated in November, 1900, the question arose whether a continuation of the analytical survey in a modified form, without a special appropriation, by the City Chemist's office, was advisable. The Honorable Health Commissioner and the undersigned deemed it of great importance to continue as much of this valuable work as possible for two reasons: first, to ascertain the character of the City water up to the very day of the trial of the injunction suit, and, second, because when the problem of the purification of our water-supply should confront our City authorities in the near future, such analytical data would be indispensable in determining the constantly varying character, from day to day, of the water entering our intake and the method to be adopted in securing a successful and permanent improvement, so as to insure a clear and wholesome supply. With the sole assistance of the Assistant City Chemist and one "helper" at the distillation table and for the clerical work, I have continued from November, 1900, until the present day,

the daily analysis of five samples of water from the Mississippi river on the Illinois shore, Missouri shore and intake, from the outlet chamber of the water-works and from the tap in the City Chemist's office. The result of these analyses have been presented in weekly reports to the Honorable Health Commissioner and to the Honorable Water Commissioner, the latter having the collection of the samples made every morning by an employe of the Water Department.

A careful perusal of the analytical data collected by this office will prove the necessity and justification of the repeated warnings issued by the honorable Health Commissioner against the consumption of our City water unless boiled or efficiently filtered, and it is to be hoped that the earnest and practical efforts for the purification of our water-supply embodied in the creation, by the Honorable Mayor, of a commission of hydraulic engineers, may soon result in securing for our community a water fit to drink and free from disease germs.

The great labor involved in the analyses of such a multitude of samples of river-water necessarily curtailed all other work.

A few samples only of well and cistern water could be examined. Also only four samples of water from the Meramec Springs. No definite opinion as to the average character of this water could be derived from a few sporadic analyses. The samples received were taken at the time of a heavy rainfall and did not reach the laboratory in time to enable an accurate and reliable analysis. It would require an extended series of daily sampling to form a correct opinion of the value of these springs for a water supply, from the chemical and bacteriological standpoint.

The twenty-two analyses performed for the Police Department represent various chemical compounds involving foul play of some kind. Some of the specimens received were explosives of some kind used in connection with the street-railway strike of 1900.

The analyses performed for the Sanitary Division refer to the examination of disinfectants, such as formaldehyde, crude carbolic acid and wood alcohol, which are used in large quantities and require a constant and careful control by chemical analysis, in order to secure for the City chemicals of good quality and representing the price paid for them.

Three specimens of viscera from the bodies of deceased persons, supposed to have been poisoned, were received from the Coroner's office, in addition to medicines and articles of food connected with these cases.

Chemical examinations were made of drugs sold to the City Dispensary, to ascertain the quality of the articles.

A number of samples of milk furnished to the City institutions were also tested for their quality and some of them found to be below the City standard. It may be mentioned in this connection that subsequent samples from the same places showed a marked improvement in the quality of the milk furnished from the same source; probably a result of the control obtained by these analyses and the discovery of the poor quality of the former samples. This one case alone furnishes an example of the good that could be accomplished by a vigorous law enabling the examination and punishment of the comprehensive food adulterations practiced everywhere where such a law is absent or inoperative, as is the case with the milk ordinances of St. Louis.

It is deplorable, in the interest of the public, that the excellent ordinance prepared by the Honorable Health Commissioner a few years ago in this connection, failed to be passed by the Municipal Assembly at that time.

Perhaps a reintroduction of this measure in the present Assembly may bring about such legislation, and I wish to say that any such additional work, with an adequate increase of the force of assistants, would be welcomed by the undersigned as another opportunity to render this little office still more useful to the public. I refer to my previous annual reports in demonstrating how the utility of Public Laboratories in other cities has been increased materially by such work, and that this office could very well handle it in addition to the many other duties devolving upon it.

Regarding the bacteriological work conducted in the City Chemist's office, I refer to the elaborate report of the Consulting Bacteriologist, Dr. Amand Ravold, under whose supervision this branch of my office has been placed. When these investigations were begun and the manufacture of antitoxin for the indigent patients of St. Louis started, the separate office of City Bacteriologist did not exist, and it was only contemplated by the Honorable Board that the City Chemist's office should furnish a temporary home for such work until the separate office should have been created. The bill to accomplish this, however, did not pass the Assembly and, as a result, all this work is still conducted in my office and partly with the assistance of my office force and appropriation. It has grown from year to year and in one year alone has increased as follows:—

		1899–1900.	1900–1901.
Number of	diphtheria culture-tubes examined.....	1,156	1,826
" "	microscopic slides examined for tuberculosis.....	635	671
" "	specimens of blood examined for typhoid fever.....	1,080	1,395

The demand for these examinations has steadily increased from year to year and it is likely that it will continue to do so in the future. The time has therefore come for the separation of the two branches of this office into a bacteriological and a chemical division, or to reorganize the present office and provide for adequate help so that the work can be handled properly.

It is well-nigh impossible to perform all the duties now required and it frequently happens that we fall behind in both branches, simply because it is a physical impossibility to attend to all the work promptly.

I consider the bacteriological work of such importance to the community as to justify the creation of a separate bacteriological division ranking with that of the City Chemist's office. In several large cities this has been done to the advantage of both sections. Since ample quarters have been reserved for the City Chemist's office on the fourth floor of the new City Hall and these new quarters will most likely be occupied in the near future, when an appropriation of $2,000 can be obtained for this purpose, rooms for both sections could be easily provided for.

I wish to state that the services of the Assistant City Chemist, Mr. Thos. A. Buckland, as in former years, have again been of much value to the office in the prompt dispatch of the analytical and clerical work.

Respectfully,

WM. C. TEICHMANN,
City Chemist.

DR. MAX C. STARKLOFF,
Health Commissioner.

VI.

CITY HOSPITAL.

Staff and Employees.

H. L. NIETERT, M. D.....Superintendent.
R. F. Amyx, M. D.....Assistant Superintendent.
F. G. Abeken, M. D.....Senior Assistant Physician.
Louis Rassieur, M. D.....Senior Assistant Physician.
R. L. Campbell, M. D.....Senior Assistant Physician.

Junior Assistant Physicians.

Dr. W. H. Luedde,
" Jas. A. Matlack,
" Homer W. Davis,
" Shirley B. Prouty,
" R. S. Slusher,
" Homer W. Little,
" S. M. Taff,
" Chas. P. Murrell,
" John K. Broderick,
" Edgar H. Little,
" Wm. E. Hall,
Dr. B. G. Pinkerton,
" Richard Wessels,
" Albert Miller,
" Samuel M. Scott,
" John D. Hess,
" Jas. A. Townsend,
" Wm. H. Mook,
" Emmett P. North,
" B. P. Norvell,
" Wm. S. Barnes.

Chief Clerk.

Chas. Strilter.

Elizabeth Rowan, Assistant Clerk,
Emma L. Warr, Superintendent of Nurses.
Otto Jochim, Messenger,
Henry Heise, Druggist.

Engineers.

L. F. Mitchell, Chief Engineer,
Henry Vreeland, Assistant Engineer.

Cooks.

August Piltz, Chief.

Fred. Baier, Assistant.
Andrew Barley, Assistant,
Martin Mueller, Assistant,
Charles Keene, Assistant.

Day Nurse — Male.

J. M. Gallagher.

Day Nurses — Female.

Elizabeth Hempel,
Christina Hall.

Night Nurses — Male.

H. A. Hasfeld,
Aug. Dietzi,
Henry Biewend.

Night Nurses — Female.

Jeanette Bond,
A. E. Slack,
Ada Farr,
Saline Gadiner,
Julia McCarbrey.
Lillian McMurray,
Mary Gibson,
Margaret Scott,
Sally Woodruff,
M. E. Muir,
Mary Van Fleet,
Maude Shephard,
E. D. Craig.

Assistant Nurses.

Clara Zangmeister,
Ida M. Brott,
M. E. Gilles,
Louise Von Buskirk,
Josephine Hay,
Chloe Mayer,
Louise Fisher,
Jessie Wright,
Bessie Locke,
Caroline Frick,
Myrtle Richardson,
Josephine Davenport,
Margaret Baker,
Catherine Lehman.

Geo. Milford, Steward.
M. E. Maher, Seamstress.
Mary Lahey, Assistant Seamstress.
Mary Manning, Assistant Seamstress.
Hannah Herzig, Laundress.
Catherine O'Brien, Assistant Laundress.
Sarah Grady, Assistant Laundress.
Agnes Connelly, Assistant Laundress.
Maggie McCormick, Assistant Laundress.
Mary Reilly, Assistant Laundress.
Rosie O'Rourke, Assistant Laundress.
Bessie Herraty, Assistant Laundress.
Rosie Koch, Assistant Laundress.
A. E. Beardsley, Fireman.
Jas. Hoesli, Fireman.
Albert Huse, Carpenter.
Herm. Huelsmann, Outside, Night W.

First-class Help — Male.

A. E. Belton, Chas. Weber, Geo. Strebler, Fred Hubert, Frank White, Wm. Kelly, Mangus Holtz.

First-class Help — Female.

Sadie Cahill.

Second-class Help — Male.

Wm. Erdman, Geo. Becker, Wm. Spahn, Chas. Horning, Anthony Sar.

Second-class Help — Female.

Josie Mahegen, Kate Carroll, Lucy Arnold.

Third-class Help — Male.

Geo. Hager, Peter Ruga, John Richman, Adolph Justin, Geo. Ripper, Jacob Troll.

Fourth-class Help — Male.

Chas. Forsee, Fred Halle.

	Appropriations.	Balances.	Overdrawn.
For Salaries	$34,000 00	$ 19 54	
" Groceries	47,250 00	165 97	
" Drugs	13,375 00	186 10	
" Dry Goods	9,500 00	113 33	
" Forage	2,850 00	124 84	
" Labor	2,600 00	.....	$24 93
" Rent	12,000 00	.....	

Max C. Starkloff, M. D., Health Commissioner.

DEAR SIR — I have the honor to present herewith the 35th annual report of the St. Louis City Hospital.

In reviewing the work of the year just closed, I do so with a certain degree of satisfaction at the additions made to our equipment necessary for diagnosis and the competent treatment of our patients. I refer chiefly to the laboratories that were added during the past year. The facilities offered at present are sufficient for all practical purposes, and it is a pleasure to note that our clinical diagnosis can now be verified by scientific investigation in the laboratories.

Still, with this addition of laboratory facility, we are greatly hampered in our work and labor under difficulties. There is not a ward in the hospital that does not lack nurses and attendants. Improvements as to general appearance and cleanliness should be made throughout the hospital. As stated in previous reports, the most crying need in the hospital, however, is the establishment of a better isolation ward and one that is entirely separate from the main building. During the past year, sad demonstrations of imperfect isolation occurred over which we had no control.

The old building we now occupy is undoubtedly filled with pathogenic organisms. A thorough examination of the atmosphere of the various wards was made during the past year, with a view to ascertaining its purity. The cultures were taken as recommended by Dr. E. Concornotti (Centralblatt Fur Bacteriologie 11-7-99). Carefully sterilized petris dishes filled with solid culture media were exposed to the air. The cultures were taken under every precaution and it was found that both streptococci and staphlycocci were found in great abundance. Although the germs are generally found in all large buildings and one can judge only relatively, still the culture medias were so thickly coated with bacteria, that no doubt could be left that they existed in greater number than one would expect in a hospital.

For this reason, antiseptic surgery has taken the place of aseptic surgery. All clothes and sponges or any other substance, calculated to come in contact with the wound, is first sterilized in autoclast and saturated with bichloride solution immediately before using. Instruments are boiled and kept in weak carbolic solution; green soap, alcohol and bichloride are used in sterilizing the hands and frequently pure carbolic acid, followed by alcohol, is employed. Rubber gloves have also been used in some clean cases.

With these precautions, we have been able to do clean surgery with perfect results in our clean cases. But the extra precautions we are compelled to resort to, have worked hardships, that ordinarily are not necessary. The only remedy, of course, lies in the building of a new hospital.

The following include details regarding the patients, their diseases, ages, occupations, nativity, births, discharges, and other items of interest; also, a brief reference to some of the work performed during the past year.

(Signed.) H. L. NIETERT, M. D.,
Superintendent.

A SUMMARY OF BACTERIOLOGICAL ANALYSES MADE DURING YEAR 1900-1901.

1. Number of Cultures Made	587.
(a) Least number in 18 days, from February 18 to March 8	8.
(b) Greatest " " " " for 18 days preceding Nov. 20	77.
(c) Average per 18 days	32.61
2. Number of Microscopical Examinations Made	1,545.
(a) Least number in 18 days, for 18 days preceding July 16	85.
(b) Greatest " " " " from September 9 to September 27	141.
(c) Average per 18 days	86.
3. Number of Preparations for Tubercle Bacilli	280.
(a) Number of preparations positive	172.
(b) Least number positive for 18 days preceding May 1st	2.
(c) Greatest " " " " " " December 26.	17.
(d) Average per 18 days	9.55
(e) Number of preparations negative	108.
4. Number of Preparations for Gonococci	55.
(a) Number of preparations for gonococci from urethra	29.
(b) " " " " " " vagina	25.
(c) " " " " " " conjunctiva	1.
(d) " " " positive	42.
(e) " " " negative	13.
5. Number of Preparations for Diphtheria	259.
(a) Average per 18 days	14.39
(b) Number of preparations positive	199.
(c) Least number of preparations positive, for 18 days preceding May 1st	0.
(d) Greatest number of preparations positive, for 18 days preceding June 28th	25.

(e) Number of preparations negative	60.
6. Number of Preparations for Pneumococci — Positive	28.
7. Number of Preparations for Streptococci — Positive	90.
8. Number of Preparations for Staphylococci — Positive	153.
9. Number of Preparations of Diplococci — Positive	10.
10. Number of Preparations of Erysipelas — Positive	2.
11. Number of Preparations of Bacillus Pyocyaneous — Positive	6.
12. Number of Preparations of Influenza Bacillus — Positive	3.
13. Number of Preparations of Typhoid Bacillus — Positive	1.
14. Number of Preparations for Plasmodium Malaria	423.
(a) Number of preparations positive	112.
(b) Least number positive from February 18 to March 25	0.
(c) Greatest " " " September 9 to November 1	49.
(d) Number of preparations negative	311.
15. Number of Widal's Tests Made	281.
(a) Number of Widal's tests negative	197.
(b) " " " " positive	84.
(c) " " " " " from March 8 to 25	0.
" " " " " for 18 days preceding July 16	0.
" " " " " for 18 days preceding Aug. 14	0.
" " " " " for 18 days preceding May 1	0.
(d) " " " " " for 18 days preceding Oct. 15	15.
" " " " " for 18 days preceding Sept. 27	15.
(e) Average per 18 days — positive	4.66

A SUMMARY OF QUALITATIVE URINALYSES MADE DURING THE YEAR 1900–1901.

1. Number of Analyses Made	6,777.
(a) Least number in 18 days, from January 13 to January 31	294.
(b) Greatest number in 18 days, from May 1 to May 19	660.
(c) Average per 18 days	376.5
2. Number Containing Albumins	1,641.
(a) Least number in 18 days, for 18 days preceding March 26	53.
(b) Greatest number in 18 days, for 18 days preceding October 15	65.
(c) Average per 18 days	33.
3. Number Containing Albumins and Casts	594.
(a) Least number in 18 days, for 18 days preceding March 26	8.
(b) Greatest number in 18 days, for 18 days preceding October 15	65.
(c) Average per 18 days	33.
4. Number Containing Albumins Without Casts	1,042.
(a) Least number in 18 days, for 18 days preceding December 8	31.
(b) Greatest number of days, from May 1 to May 19	142.
(c) Average per 18 days	57.77
5. Number Containing Casts	736.
(a) Least number in 18 days, for 18 days preceding March 26	8.
(b) Greatest number in 18 days, for 18 days preceding June 20	104.
(c) Average per 18 days	40.99
6. Number Containing Sugar	60.
(a) Average per 18 days	3.33
7. Number Containing Blood	185.
8. Number Containing Pus	666.
9. Number Containing Bile	21.
10. Number Containing Indican	0.
11. Number Containing Carbolic Acid	1.
12. Number Containing Epithelial Cells	547.
13. Number Containing Triple-Phosphate Crystals	308.
14. Number Containing Calcium-Phosphate Crystals	14.
15. Number Containing Calcium Oxalates	94.
16. Number Containing Amorphous Urates	425.
17. Number Containing Uric Acid Crystals	35.
18. Number Containing Hemin Crystals	1.
19. Number Containing Leucin and Tyrosin	2.
20. Number Containing Creatin	2.
21. Number Containing Cystin	4.

A SUMMARY OF POST-MORTEMS, MADE FROM APRIL 1ST, 1900, TO APRIL 1ST, 1901, AS TO INDIVIDUAL ORGANS.

1. Total Number of Post-Mortems	385.
2. Condition of the Heart and Circulatory System.	
Petechial Hemorrhage	1.
Hemorrhagic Pericarditis	31.
Purulent Pericarditis	1.
Synechia of Pericardium	5.
Dilatation of Heart	97.
Fatty Infiltration of Heart Muscle	14.
Fatty Degeneration of Heart Muscle	88.
Dilatation of right ventricle	24.
Dilatation of left ventricle	20.
Dilatation of both ventricles	58.
Hypertrophy of Heart	59.
Tricuspid Insufficiency	106.
Tricuspid Stenosis	1.
Mitral Insufficiency	102.
Mitral Stenosis	7.
Aortic Insufficiency	6.
Aortic Stenosis	10.
Vegetations of Aortic Segment	2.
Infarct of left ventricle	1.
Carcinoma of Pericardium	2.
Villous Heart	2.
Endocarditis	57.
Myocarditis	25.
Endoartitis	19.
Fibrous Pericarditis	6.
Chronic Pericarditis	0.
Atheroma of Aorta	78.
Femoral Thrombus	1.
Phlebitis	1.
Aneurism of Abdominal Aorta	1.
Aneurism of the Arch of the Aorta (False)	1.
Aneurism of the Left Subclavian Artery	1.
3. Conditions of the Respiratory Tract.	
Acute Lobar Pneumonia	68.
Lobular Pneumonia	20.
Interstitial Pneumonia	2.
Purulent Bronchitis	10.
Bronchitis	24.
Pleurisy (sicca)	18.
Pleurisy, Fibrinous Without Exudate	9.
Pleurisy, Fibrinous With Exudate	23.
Pleurisy, Chronica	26.
Pleurisy, Purulenta	2.
Pleurisy, Hemorrhagica	3.
Pleurisy, Ulcerative	1.
Pleurisy, Deformans	1.
Pleurisy, Fibrosa	1.
Tuberculosis	55.
Tuberculosis, Miliary	16.
Tuberculosis (Healed)	2.
Tubercular Lymph-Adenitis	5.
Slaty Induration of the Lungs	3.
Emphysema	63.
Atelectasis	22.
Oedema	63.
Brown Induration	10.
Gangrene	1.
Abscess	2.
Hemato-thorax	1.

Pneumo-thorax	1.
Pyo-thorax	5.
Hydro-thorax	17.
Hemorrhage	12.
Total Synechia	2.
Hyperaemia	1.
Hypostasis	13.
Acute Aspiratory Bronchitis	1.
Infarct	1.
Neoplasm	1.
Atrophy	1.
4. Conditions of the Spleen.	
Hyperplasia of Splenic Pulp	16.
Splenic Tumor	8.
Passive Hyperaemia	8.
Amyloid, Spleen	4.
Senile Atrophy	9.
Perisplenitis	23.
Septic Spleen	66.
Interstitial Splenitis	15.
Hemorrhagic Splenitis	2.
Cyanotic Spleen	1.
Purulent Spleen	1.
Multiple Carcinomata	1.
Cirrhosis of Spleen (Luetic)	1.
Abscess of Spleen	1.
Arteria Sclerotic	1.
Tuberculosis of Spleen	1.
Supernumary Spleen	2.
Secondary Carcinoma	2.
Leukemia	2.
Infarct	1.
Gummi	1.
5. Conditions of the Kidneys and Urinary Tract.	
Parenchymatous Nephritis (Chronic)	75.
Interstitial Nephritis	46.
Acute Parenchymatous Nephritis	13.
Atrophic Parenchymatous Nephritis (Chronic)	13.
Diffuse Nephritis (Chronica)	84.
Icteric Nephritis	2.
Toxic Nephritis	6.
Arterio Sclerotic Kidney	2.
Tubercular Kidney	2.
Cystic Kidney	2.
Abscess of Kidney	4.
Abscess of Kidney (Miliary)	1.
Cyanotic Kidney	5.
Movable Kidney	1.
Floating Kidney	1.
Luetic Lobulation of Kidney	2.
Carcinoma	2.
Small Fibroma of Kidney	2.
Pyelo-Nephritis	6.
Hydro-Nephrosis	2.
Pyonephrosis	2.
Dilatation of Ureters and Pelvis of Kidney	1.
Uretritis	2.
Dilatation and Hypertrophy of Bladder	1.
Atony	1
Cystitis	8.
Sarcoma of Left Kindey	1.
Hypertrophied Prostate	1.
6. Conditions of Supra-Renal Capsules.	
Sarcoma of Right Supra-Renal Capsule (Primary)	1.

7. Conditions of the Liver.	
Cirrhosis Hepatis (Interstitialis)	62.
Parenchymatous Hepatitis (Chronica)	65.
Fatty Degeneration of the Liver	62.
Fatty Infiltration of the Liver	14.
Amyloid Liver	1.
Nutmeg Liver	2.
Cholelithiasis	10.
Passive Hyperaemia	2.
Septic Liver	1.
Leukemic Change of Liver	1.
Cholecystitis	5.
Obstruction of Common Duct	1.
Syphilis	3.
Cyst	1.
Abscess	3.
Abscess (Miliary)	1.
Perihepatitis	3.
8. Conditions of the Alimentary Tract.	
Luetic Ulceration of Nose	2.
Ulceration of Left Tonsil	2.
Oesophagitis (Hemorrhagic)	3.
Rupture of Oesophagus	1.
Oesophag al Varices	1.
Gastrit s (Chronica)	14.
Carcinoma of Stomach	2.
Gastro-Enteritis (Chronica)	23.
Gastric Ulcer	1.
Gastro-Enteritis (Hemorrhagic)	16.
Dilatation of Stomach	4.
Perforated Ulcer of the Stomach	1.
Chronic Enteritis	12.
Ulceration of Peter's Patches	9.
Appendicitis	1.
Miliary Tuberculosis of the Intestines	6.
Chronic Atrophic Enteritis	3.
Tubercular Appendix	1.
Intestinal Intussusception	2.
Perforated Ulcer of Ileum	2.
Perforated Ulcer of Colon	2.
Inguinal Hernia (Oblique)	1.
Intestinal Obstruction	1.
Luetic Ulceration of Rectum	2.
Carcinoma of rectum	1.
Ulcerative Proctitis	2.
Ulcerative Colitis	8.
Tubercular Ulceration of Intestines	2.
Duodenal Ulcer	1.
Perforated Ulcer (Duodenal)	2.
Hemorrhoids	4.
Peritonitis (Chronic)	15.
Peritonitis (Tubercular)	3.
General Splanchnoptosis	6.
Tub. of Mesenteric Lymphatic Nodes	6.
9. Conditions of the Pancreas.	
Multiple Carcinomata	1.
Secondary	1.
Abscess	1.
10. Conditions of the Genital Tract.	
Endometritis	1.
Salpingitis	3.
Hydro-salpynx	1.
Ruptured Tubal Pregnacy	1.
Ovarian Cyst	2.

Fibroids of Uterus	3.
Carcinoma of Uterus	2.
Subinvoluted Uterus	1.
Atrophic Uterus	1.
Pelvic Abscess	1.
Fibromyoma	1.
Dermoid Cyst	1.
Cyst of the Fallopian Tube	1.
Retroversion	1.
Dextroversion	1.
Necrosis of Vagina	1.
11. Conditions of the Cerebro-Spinal Nervous System.	
Cerebral Hemorrhage	3.
Lepto-Meningitis	24.
Localized Pachymeningitis	37.
Encephalo Molacia	3.
Sclerosis of Basilar Arteries	1.
Recent Hemorrhage in Floor of Left Ventricle	1.
Hyperaemia	7.
Encephalitis	1.
Cystic Degeneration of Brain	2.
Oedema	5.
Basilar Meningitis	2.
12. Conditions of the Miscellaneous Anatomy.	
General Sarcomatosis	1.
Miliary Tuberculosis	1.
Septic Arthritis	1.
Trichina Spiralis Muscularis	2.
Mucoid Degeneration of Fat	1.
Diphtheria	1.
Fractured Ribs	1.
Luetic Scars of Body	1.
Keloids	1.
Corpulency	1.
Psoas Abscess	1.
Ascaris Lumbroicoides	1.
Tinæ Saginata	1.
Carcinoma of Bladder	1.
Myelogenic Leukemia	1.
Miliary Tuberculosis (general)	1.
Multiple Lipomata	1.
Septicæmia	3.

WIDAL'S TEST.

Number.	Positive.	Negative.	Clinical Diagnosis.
125	.....	Yes.	Syphilis.
156	.....	Yes.	Pneumonia.
179	.....	Yes.	Lobar Pneumonia.
185	Yes.	.....	Typhoid Fever.
258	Yes.	.....	Fracture of Tibia.
278	.....	Yes.	Phthisis Pulmonalis.
343	.....	Yes.	Lobar Pneumonia and Interstitial Nephritis.
500	.....	Yes.	Multiple Fibromata Tuberculosis of Lungs.
567	.....	Yes.	Nephritis and Auto-Intoxication.
692	.....	Yes.	Influenza.
734	.....	Yes.	Pleuro-Pneumonia.
855	.....	Yes.	Malaria.
983	Yes.	.....	Typhoid fever.
1070	.....	Yes.	Meningitis.
1187	.....	Yes.	Syphilis.
1220	.....	Yes.	Rheumatism.
1224	....	Yes.	Constipation.
1227	Yes.	.....	Typhoid.
1260	.....	Yes.	Typhoid fever.
1287	.....	Yes.	Typhoid fever.
1291	.....	Yes.	Acute Mania.
1300	Yes.	.....	Typhoid.
1348	.....	Yes.	Phthisis Pulmonalis.
1406	.....	Yes.	Typhoid fever.
1552	.....	Yes.	Tuberculosis of Lungs.
1709	Yes.	.....	Tpphoid fever.
1765	.....	Yes.	Meningitis.
1809	.....	Yes.	Auto Intoxication.
1812	.....	Yes.	Malaria.
1976	.....	Yes.	Appendicitis.
1981	.....	Yes.	Lobar Pneumonia.
1984	.....	Yes.	Lobar Pneumonia.
1990	.....	Yes.	Malaria.
2145	Yes.	.....	Phthisis Pulmonalis and Typhoid fever.
2193	.....	Yes.	Miliary Tuberculosis.
2331	....	Yes.	Gunshot wound of back.
2344	Yes.	.....	Typhoid fever.
2360	.....	Yes.	Malaria.
2925	Yes.	.....	Spinal Meningitis and Pneumonia.
3253	.....	Yes.	Typhoid fever.
3260	Yes.	.....	Typhoid fever.
3387	Yes.	.....	Typhoid fever.
3402	Yes.	.....	Typhoid fever and Toxic Nephritis.
3441	Yes.	.....	Typhoid fever.
3493	.....	Yes.	Typhoid fever.
3542	Yes.	...	Typhoid fever.
3578	.....	Yes.	Malaria and Constipation.
3579	.....	Yes.	Heat Prostration.
3696	Yes.	.....	Typhoid fever.
3700	Yes.	.....	Typhoid fever.
3673	Yes.	....	Typhoid fever.
3751	.....	Yes.	Malaria.
3782	Yes.	....	Gastro-Enteritis.
3785	....	Yes.	Typhoid fever.
3836	Yes.	....	Typhoid.
3934	.....	Yes.	Typhoid fever.
3998	.....	Yes.	Typhoid fever.
4101	.....	Yes.	Malaria.
4113	.....	Yes.	Nephritis.
4144	Yes.	.....	Typhoid fever.
4149	Yes.	.....	Typhoid fever.
4148	Yes.	.....	Typhoid fever.
4216	Yes.	.....	Typhoid fever.
4218	Yes.	.....	Typhoid fever.
4220		Yes.	Malaria.
4240	.....	Yes.	Uraemia.
4252	.....	Yes.	Erysipelas, Gastro-Enteritis.
4278	Yes.	....	Typhoid fever.
4288	.....	Yes.	Nephritis.
4323	.....	Yes.	Typhoid fever.
4332	Yes.	.....	Typhoid fever.
4351	Yes.	.....	Typhoid fever.
4422	Yes.	.....	Typhoid fever.
4427	Yes.	.....	Typhoid fever.
4481	Yes.	.....	Typhoid fever.
4489	Yes.	.....	Typhoid fever.
4497	Yes.	.....	Typhoid fever.
4506	...	Yes.	Typhoid fever.
4531	Yes.	.....	Typhoid fever.
4563	Yes	....	Typhoid fever.
4564	Yes.	.....	Typhoid fever.
4566	Yes.	.....	Typhoid fever.
4569	Yes.	.....	Typhoid fever.
4575	.....	Yes.	Nephritis and Diphtheria.
4596	....	Yes.	Malaria.
4599	Yes.	...	Typhoid fever.
4613	....	Yes.	Malaria.
4619	Yes.	.....	Typhoid fever.
4625	...	Yes.	Intestinal Colic.
4737	.....	Yes.	Remittent fever.
4761	Yes.	.....	Typhoid fever.
4762	Yes.	.....	Typhoid fever.
4880	Yes.	.....	Typhoid fever.
4881	Yes.	.....	Typhoid fever.
4882	Yes.	.....	Typhoid fever.
4899	Yes.	.....	Typhoid fever.
4945	Yes.	.....	Typhoid fever.
4949	.....	Yes.	Malaria.
4987	.....	Yes.	Pneumonia.
5072	.....	Yes.	Malaria.
5074	.....	Yes.	Pneumonia.
5126	.....	Yes.	Nephritis.
5165	.....	Yes.	Malaria.
5170	Yes.	.....	Typhoid fever.
5216	Yes.	.....	Typhoid fever.
5227	Yes.	....	Typhoid fever.
5300	....	Yes.	Malaria.
5347	....	Yes.	Malaria.
5428	Yes.	....	Typhoid fever.
5430	....	Yes.	Gastro-Enteritis.
5484	Yes.	.....	Typhoid fever.
5584	Yes.	.....	Typhoid fever.
5645	Yes.	.....	Typhoid fever.
5745	Yes.	.....	Typhoid fever.
5765	Yes.	.....	Typhoid fever.
5780	Yes.	.....	Typhoid fever.
5806	Yes.	...	Typhoid fever.
5823	....	Yes.	Acute Rheumatism.
5993	Yes.	.....	Typhoid fever.
6008	Yes	....	Typhoid fever.
6105	.....	Yes.	Malaria.
6135	Yes.	.....	Typhoid fever.
6394	Yes.	.....	Typhoid fever.
6412	Yes.	.....	Typhoid fever.
6590	Yes.	.....	Typhoid fever.
7125	.....	Yes.	Pneumonia.
7379	.....	Yes.	Broecho-Pneumonia.
7469	Yes.	....	Typhoid fever.
7525	.....	Yes.	Sapraemia.
7665	Yes.	.....	Typhoid fever.
7783	.....	Yes.	Typhoid fever.
8374	.....	Yes.	LaGrippe.
8835	.....	Yes.	Erysipelas.
8905	.....	Yes.	LaGrippe.
9220	.....	Yes.	Plumbism.

The serum test was made at our laboratory in 135 cases, sixty-five of which were positive and seventy negative. The test was repeated several times in a number of cases. Where a test was made more than once the result of the last examination is given above. All but two cases in which Widal's reaction was found to be positive, were typhoid fever. In the first case patient was in hospital five days and during his stay here was suffering with gastro-enteritis. Entered the hospital under permit No. 3782 on August 25th, 1900, and left August 30th, 1900, without having recovered from his intestinal troubles. Patient gave a history of having had measles, scarlet fever, diphtheria, mumps and frequent attacks of intestinal trouble, but never typhoid fever.

Case No. 2 was that of a boy seventeen years of age who was brought to the hospital under permit No. 258 with injuries received during a fall down an elevator shaft. Injuries consisted of a fracture of the tibia and severe bruises about the body. On account of a temperature which could not be accounted for, a Widal's test was made and found to be positive. No history of typhoid fever could be ascertained. Patient recovered from the fractured limb, temperature became normal after twelve days and he was discharged from the hospital after four weeks of treatment. Aside from the positive Widal's reaction, there were no signs or symptoms of typhoid fever.

DIPHTHERIA (CLINICAL DIAGNOSIS).

Number.	Color of Membrane.	Period of disease at which antitoxin was given.	Did membrane continue to form?	Amount of antitoxin given.	Kind of antitoxin given.	Recovery.	Death.	Klebs Loeffler Bacillus found.	Immediate Cause of Death.
140	Grayish white..	5th	No.	3000	M.	Yes.	.....	Yes.	
1038	Grayish white..	2nd	No.	4500	H. D.	Yes.	.....	Yes.	
1082	Grayish..... ...	3rd	No.	3000	H. D.	Yes.	.....	Yes.	
1096	Grayish.....	3rd	No.	1000	H. D.	Yes.	.....	No.	
1177	Dirty white.....	5th	No.	3000	H. D	Yes.	.....	Yes.	
1205	Dirty white.....	3rd	No.	3000	H. D.	Yes.	.....	Yes.	
1297	Dirty white.....	3rd	No.	1500	H. D.	Yes.	.....	Yes.	
1517	Dirty white. ...	3rd	No.	3000	H. D.	.....	Yes.	No.	Cardiac Failure, following Diphtheria.
1658	Dirty white.....	3rd	No.	3000	H. D.	Yes.	.....	Yes.	
1730	Gray white.....	?	No.	1500	H. D.	Yes.	.....	Yes.	
1915	White..	?	No.	3000	H. D.	Yes.	.....	Yes.	
1916	White.....	8th	No.	1500	H. D.	Yes.	.....	Yes.	
1917	Grayish white..	?	No.	1500	H. D.	Yes.	.....	Yes.	
1918	Lead.....	?	No.	4500	H. D.	Yes.	.....	Yes.	
1919	White.....	?	Yes.	4500	H. D.	Yes.	....	Yes.	
2047	?	?	No.	3000	H. D.	Yes.	.....	Yes.	
2048	White.....	?	No.	3000	H. D.	Yes.	.....	No.	
2049	Lead.....	?	No.	3000	H. D.	Yes.	.....	Yes.	
2063	Dark lead.....	?	No.	3000	H. D.	Yes.	.....	Yes	
2012	Yellow white...	?	No.	3000	H. D.	Yes.	.....	No.	
2088	Lead..... ...	?	No.	3000	H. D.	Yes.	.....	Yes.	
2115	Lead.	?	No.	3000	H. D.	Yes.	.....	No.	
2116	?	?	No.	3000	H. D.	Yes.	.....	Yes.	
2124	Dark lead.....	?	No.	3000	H. D.	Yes.	.....	Yes.	
2131	White.....	?	No.	3000	H. D.	Yes.	.....	Yes.	
2132	White.....	?	No.	3000	H. D.	Yes.	.....	Yes.	
2134	?	?	No.	1500	H. D.	Yes.	.....	No.	
2135	Lead.	?	No.	3000	H. D.	Yes.	.....	Yes.	
2136	White	?	No.	3000	H. D.	Yes.	.....	Yes.	
2137	Dark lead.....	?	No.	3000	H. D.	Yes.	.....	Yes.	
2180	White..	?	No.	3000	H. D.	Yes.	.....	Yes.	
2201	White.....	?	No.	3000	H. D.	Yes	.....	Yes.	
2220	?	?	No.	3000	H. D.	Yes.	....	Yes.	
2332	Grayish yellow..	?	No.	4500	H. D.	Yes.	.....	Yes.	
2412	Grayish white..	?	No.	3000	H. D.	Yes.	.....	Yes.	
2415	Grayish	?	No.	3000	H. D.	Yes.	.....	Yes	
2568	Grayish white..	?	No.	3000	H. D.	Yes.	.....	Yes.	
2583	Grayish white..	?	No.	3000	H. D.	Yes.	....	Yes	
2767	Grayish white..	3rd	No.	3000	H. D.	Yes.	.....	Yes.	
2833	White.....	1st	No.	2000	H. D.	Yes.	....	Yes.	
2869	Grayish white..	1st	No.	3000	H. D.	Yes.	.....	Yes.	
2894	Grayish white..	?	Yes.	3000	H. D.	Yes.	.....	No.	
3074	White.....	2nd	Yes.	3000	H. D.	Yes.	.....	No.	
3075	?	?	No.	1500	H. D.	Yes.	.....	No.	
3133	Gray	3rd	No.	3000	H. D.	.....	Yes.	Yes.	Parenchymatous Nephritis following Diphtheria.
3157	Grayish white..	?	Yes.	3000	H. D.	Yes.	.....	Yes.	
3206	Yellow white....	1st	No.	3000	H. D.	Yes.	.....	Yes.	
3446	Yellow gray.....	?	No.	4500	H. D.	.....	Yes.	Yes.	Asphyxiation, Diphtheria.
3445	Yellow white....	3rd	No.	6000	H. D.	Yes.	....	Yes.	
3540	Gray white.....	5th	No.	3000	H. D.	Yes.	.....	No.	
3563	Whitish.....	?	No.	1500	H. D.	Yes.	.....	Yes.	
3567	White.....	2nd	No.	1500	H. D.	Yes.	.....	No.	
3692	Grayish white..	?	No.	3000	H. D.	Yes.	.....	Yes.	
4748	Grayish white..	3rd	No.	3000	H. D.	Yes.	.....	Yes	
3745	Grayish white..	?	No.	3000	H. D.	Yes.	.....	No.	
3752	?	?	No.	1500	H. D.	Yes.	.....	Yes.	
3947	Grayish..	3rd	No.	3000	H. D.	Yes.	.....	Yes.	
3946	?	?	No.	1500	H. D.	Yes.	.....	No.	
3948	?	5th	No.	1500	H. D.	Yes.	.....	Yes.	
3949	Gray white.....	3rd	No.	3000	H. D.	Yes.	.....	Yes.	
3950	?	?	No.	1500	H. D	Yes.	.....	Yes.	
4187	Grayish white..	?	No.	1500	H. D.	Yes.	.....	Yes.	
4228	?	3rd	No.	1500	H. D.	Yes.	.....	No.	
4227	Gray.....	4th	No.	3000	H. D.	Yes.	.....	Yes.	
4295	Yellow.....	5th	No.	3000	H. D.	Yes.	.....	Yes.	
4306	White..	2nd	No.	3000	H. D.	Yes.	.....	Yes.	
4396	Gray white	3rd	Yes.	3000	H. D.	Yes.	.....	Yes.	
4516	Yellow	2nd	No.	3000	H. D.	.....	Yes.	Yes.	Cardiac failure following Diphtheria.

DIPHTHERIA (CLINICAL DIAGNOSIS)—*Continued.*

Number.	Color of Membrane.	Period of disease at which antitoxin was given.	Did membrane continue to form?	Amount of antitoxin given.	Kind of antitoxin given.	Recovery.	Death.	Klebs-Loeffler bacillus found.	Immediate Cause of Death.
4517	White.....	2nd	No.	3000	M.	Yes.	.....	Yes.	
4575	?	?	No.	1500	H. D.	Yes.	.....	Yes.	
4748	Grayish white..	?	No.	1500	H. D.	Yes.	.....	Yes.	
4780	?	?	No.	3000	H. D.	Yes.	....	Yes.	
4607	?	?	No.	4500	H. D.	Yes.	.....	Yes.	
4821	Dirty white.....	?	No.	4500	H. D.	Yes.	.....	Yes.	
4831	Grayish.....	?	No.	4500	H. D.	.....	Yes.	Yes.	Diphtheria.
4841	Dirty gray.....	7th	No.	3000	H. D.	Yes.	.....	No.	
7851	White.....	1st	No.	3000	H. D.	Yes.	.....	Yes.	
4781	Dirty white.....	5th	No.	3000	H. D.	Yes.	.....	Yes.	
4782	Dirty white..	2nd	Yes.	3000	H. D.	Yes.	.....	Yes.	
4928	Dirty yellow....	4th	No.	3000	H. D.	Yes.	.....	Yes.	
4929	Dirty yellow....	1st	No.	3000	H. D.	Yes.	.....	Yes.	
4927	Yellowish.....	?	No.	3000	H. D.	.....	Yes.	Yes.	Diphtheria.
4959	Grayish..... ...	14th	No.	3000	H. D.	.....	Yes.	Yes.	Mitral insufficiency following Diphtheria.
4997	Grayish white..	3rd	Yes.	3000	H. D.	Yes.	....	Yes.	
5089	?	3rd	No.	3000	H. D	Yes.	.....	No.	
5103	Grayish white..	2nd	No.	3000	H. D.	Yes.	.....	Yes.	
5105	?	2nd	No.	1000	H. D.	Yes.	.....	No.	
5106	?	3rd	No.	3000	H. D	Yes.	....	Yes.	
5146	Grayish white...	?	No.	1500	H. D.	Yes.	....	Yes.	
5107	Grayish white...	1st	No.	3000	H. D.	Yes.	.....	Yes.	
5180	Grayish white...	2nd	Yes.	6000	H. D	Yes.	.....	Yes.	
5144	Grayish white...	2nd	No.	3000	H. D.	Yes.	.....	Yes.	
5238	Grayish white...	3rd	Yes.	3000	H. D.	Yes.	.....	Yes.	
5353	Grayish white...	4th	No.	3000	H. D.	Yes.	.....	Yes.	
5366	Grayish white...	3rd	Yes.	3000	H. D.	Yes.	.....	Yes	
5449	White.....	3rd	No.	3000	H. D.	Yes.	....	Yes.	
5554	Grayish..	?	Yes.	3000	H. D.	.....	Yes.	Yes.	Endocarditis following Diphtheria.
5585	Grayish white...	3rd	No.	3000	H. D.	Yes.	....	Yes.	
5628	Grayish white...	3rd	No.	3000	H. D.	Yes.	.....	No.	
5680	?	3rd	No.	1500	H. D.	Yes.	.....	Yes.	
5681	Grayish white...	3rd	No.	3000	H. D.	Yes.	.....	Yes.	
5682	Grayish white...	3rd	No.	3000	H. D.	Yes.	....	Yes.	
5713	Grayish white...	3rd	No.	3000	H. D.	Yes.	....	Yes.	
5768	Grayish white...	3rd	No.	1500	P. D.	Yes.	....	No.	
5741	Grayish white...	2nd	No.	3000	H. D.	Yes.	.....	Yes.	
5972	Grayish yellow..	6th	No.	3000	H. D.	Yes.	....	No.	
5923	?	?	No.	1500	H. D.	.....	Yes.	Yes.	Diphtheria.
6068	Gray.....	3rd	No.	3000	H. D.	Yes.	....	Yes.	
6162	Dirty white.....	3rd	No.	4500	H. D.	Yes.	....	Yes.	
6200	White.....	3rd	No.	3000	H. D.	Yes.	.....	Yes.	
6261	White.....	3rd	No.	3000	H. D.	Yes.	.....	Yes.	
6309	Dirty gray	2nd	No.	4500	H. D.	Yes.	.....	Yes.	
6323	Dirty white.....	3rd	Yes.	7500	H. D.	Yes.	.....	Yes.	
6399	Gray.....	2nd	No.	3000	H. D.	Yes.	.....	Yes.	
6702	White.....	?	No.	1500	H. D.	Yes.	.....	No.	
6785	Pearl white.....	5th	No.	3000	M.	Yes.	....	Yes.	
6957	Yellowish	3rd	No.	2000	M.	Yes.	.....	No.	
7076	Grayish white...	2nd	Yes.	5000	M.	.....	Yes.	Yes.	Septicaemia following Diphtheria.
7280	Grayish.....	3rd	Yes.	7500	H. D.	Yes.	.....	Yes.	
7311	Yellow	3rd	No.	3000	H. D.	Yes.	.....	No.	
7416	White.....	?	No.	3000	M.	Yes.	....	Yes.	
7417	White.....	?	No.	3000	M.	Yes.	.....	Yes.	
7428	White.....	?	No.	1500	H. D.	Yes.	....	Yes.	
7328	White.....	?	No	1500	H. D.	Yes.	..	Yes.	
7501	White..	?	No.	3000	M.	.....	Yes.	Yes.	Gastritis and Diphtheria.
7487	Yellow white...	2nd	No.	3000	M.	Yes.	....	Yes.	
7493	White.....	?	No.	3000	M.	Yes.	.....	Yes.	
7488	White.....	2nd	No.	3000	H. D.	Yes.	....	Yes.	
7521	?	1st	No.	3000	M.	Yes.	....	Yes.	
7524	White.....	2nd	No.	3000	M.	Yes.	....	No.	
7525	Yellow white....	2nd	No.	4500	M.	.....	Yes.	Yes.	Endocarditis following Diphtheria.
7542	White.....	2nd	Yes.	6000	M.	Yes.	....	Yes.	
7836	Grayish.....	8th	No.	3000	M.	.....	Yes.	Yes.	Phthisis Pulmonalis and Diphtheria.
7841	White.....	2nd	No.	3000	H. D.	Yes.	.....	Yes.	

DIPHTHERIA (CLINICAL DIAGNOSIS)—*Continued.*

Number.	Color of Membrane.	Period of disease at which Antitoxin was given.	Did Membrane continue to form?	Amount of Antitoxin given.	Kind of Antitoxin given.	Recovery.	Death.	Klebs Loeffler Bacillus found.	Immediate Cause of Death.
7883	?	?	No.	3000	H. D.	Yes.	.....	No.	
7831	White..... ...	1st	No.	3000	H. D.	Yes.	.....	No.	
7960	?	14th	No.	3000	M.	Yes.	.....	No.	
8021	Yellow gray. ..	4th	Yes.	6000	M.	Yes	.....	No.	
8103	Gray	1st	No.	3000	M.	Yes.	.....	Yes.	
8194	White.....	5th	No.	3000	M.	Yes.	.....	Yes	
8227	White.....	2nd	No.	3000	M.	Yes.	.....	Yes	
8367	?	3rd	No.	3000	M.	Yes.	.....	Yes	
8433	Gray	2nd	Yes.	3000	M.	Yes.	.....	Yes.	
8542	Dirty white	?	No.	1500	H. D.	.....	Yes.	Yes	Cardiac failure.
8588	Gray	2nd	No.	3000	M.	Yes.	.....	Yes.	
8675	Gray	2nd	No.	8000	H. D.	Yes.	....	Yes.	
8741	Gray	4th	No	3000	H. D.	Yes.	.....	No.	
8816	Gray	?	No.	4500	H. D.	Yes.	.....	No.	
8515	Gray	2nd	No.	3000	M.	Yes.	.....	Yes.	

SUMMARY OF DIPHTHERIA CASES.

Membrane was located on tonsils in 122 cases.

Membrane was lodged on uvulas in 52 cases.

The membrane of nose was involved in 21 cases.

Membrane was easily removed in 27 cases.

Antitoxin was given the first day of disease in 11 cases; 2d day in 23 cases; 3d day in 32 cases; 4th day in 6 cases; 5th day in 9 cases; 6th day in 1 case; 7th day in 1 case; 8th day in 2 cases; 14th day in 2 cases; period of disease could not be obtained in remaining 62 cases.

After antitoxin was given the membrane continued to form for 1 day in 3 cases; for 2 days in 3 cases; for 3 days in 7 cases, and for 4 days in 4 cases.

The membrane continued to form after antitoxin was given in 17 cases.

Improvement was first noticed the first day in 44 cases; the 2d day in 17 cases; 3d day in 26 cases; 4th day in 5 cases; 5th day in 2 cases; 6th day in 1 case; other 53 cases, no record made of date of improvement.

1,500 units of antitoxin was given in 19 cases; 3,000 in 104 cases; 2,000 in 3 cases; 4,500 in 11 cases; 1,000 in 2 cases; 6,000 in 4 cases; 8,000 in 1 case; 5,000 in 1 case; 4,000 in 1 case and 7,500 in 2 cases.

Health Department antitoxin was used in 122 cases; Milliken in 24 cases and Parke-Davis in 2 cases.

One injection of antitoxin was given in 94 cases; 2 in 45 cases, and 3 in 9 cases.

The glands of the neck were enlarged in 78 cases.

Intubation was performed in 6 cases.

Tracheotomy was performed in 3 cases.

Klebs-Loeffler Bacillus found in 115 cases.

Klebs-Loeffler Bacillus not found in 32 cases.

Among the above numerated cases, the most interesting was that of a young boy who died of asphyxiation 31 days after onset of disease. Patient was admitted under permit No. 3,446 on August 13th, 1900, with history of having been sick since August 9th. He was complaining greatly of severe cough of a croupous nature and painful deglutition. Examination of throat revealed an extensive membrane upon uvula and left tonsil. Urinalysis showed specific

gravity 1,026, amber color, acid reaction, cloudy, albumin, pus and granular casts were present.

Bacteriological examination of membrane of throat showed presence of Diphtheria bacillus, streptococcus and staphlycoccus in abundance. 3,000 units of City antitoxin were given hypodermatically. On August 15th, 1,500 units more were injected.

On August 22 1, patient improved and membranes entirely removed, but showed marked signs of muscles of paralysis of muscles of deglutition. On August 27th, patient was unable to swallow anything, so that feeding per rectum was resorted to.

August 31st, a marked improvement was noted in his ability to swallow and he was allowed liquid food. He continued to improve and was enjoying the freedom of the ward, when, on September 9th, was noticed by nurse, in division, to fall over on a bed. The skin of face became blue and limbs rigid. The ward physician was summoned and responded immediately, but found patient dead on his arrival.

On post-mortem examination it was found that a small piece of meat had become lodged between vocal cords and had completely obstructed the passage of air into wind-pipe. The lungs were filled with dark blood, right side of heart also was filled with dark blood. Patient had been asphyxiated. Investigation showed that patient had obtained a small piece of meat during absence of nurse, and which he attempted to swallow.

The largest amount of antitoxin was injected in a patient who entered November 20th, 1900, with a severely inflamed throat. Membranes which were examined in laboratory and proved to contain bacillus diphtheria, covered both tonsils. 8,000 units of City antitoxin were injected and patient made an uninterrupted recovery in 8 days.

A case is being treated at this Hospital at this writing, but which cannot be included in this year's report, has received thus far, 25,500 units of antitoxin without any deletrious effect. 16,000 units of this antitoxin was from the City Chemist and 7,500 units, the product of Milliken.

Of the 148 cases (Clinical Diagnosis) 14 died, or a percentage of about 9 1-2. The clinical diagnosis was verified by bacteriological examination in 116 cases; of these 13 died, or a percentage of 11 2-5. When taking into consideration that the great majority of patients received here are considerably advanced in the stages of the disease, the mortality semes to be a very low one.

THERMIC FEVER AND HEAT EXHAUSTION.

Number.	Exposure without Sun Rays.	Exposure to Sun Rays.	Temperature.		Clinical Exhaustion.	Recovered.	Died.	Cause of Death.
			Sub-normal.	Above Normal.				
2283	Yes.			Yes.	Heat exhaustion.	Yes.		
2308	Yes.			Yes.	Heat exhaustion.	Yes.		
2874		Yes.		Yes.	Heat exhaustion.	Yes.		
2434		Yes.		Yes.	Heat exhaustion.	Yes.		
2488		Yes.		Yes.	Heat exhaustion.	Yes.		
2522		Yes.		Yes.	Thermic fever		Yes.	Thermic fever.
2924		Yes.	Yes.		Heat exhaustion.	Yes.		
3177		Yes.		Yes.	Malaria.	Yes.		
3409	Yes.			Yes.	Heat exhaustion.	Yes.		
3499		Yes.		Yes.	Thermic fever.	Yes.		
3523		Yes.		Yes.	Thermic fever.	Yes.		
3544		Yes.		Yes.	Thermic fever.		Yes.	Thermic fever.
3548		Yes.		Yes.	Malaria.	Yes.		
3568		Yes.		Yes.	Thermic fever.	Yes.		
3572		Yes.		Yes.	Heat exhaustion.	Yes.		
3574		Yes.		Yes.	Heat exhaustion.	Yes.		
3576		Yes.		Yes.	Heat exhaustion.	Yes.		
3578	Yes.			Yes.	Heat exhaustion.	Yes.		
3579	Yes.			Yes.	Thermic fever.	Yes.		
3581	Yes.			Yes.	Thermic fever.	Yes.		
3589	Yes.			Yes.	Heat exhaustion.		Yes.	Thermic fever.
3598		Yes.		Yes.	Heat exhaustion.	Yes.		
3636	Yes.			Yes.	Heat exhaustion.	Yes.		
3638	Yes.			Yes.	Heat exhaustion.	Yes.		
3640	Yes.			Yes.	Alcoholism.	Yes.		
3654	Yes.			Yes.	Epilepsy.	Yes.		
3661		Yes.		Yes.	Alcoholism.	Yes.		
3678	Yes.			Yes.	Thermic fever.	Yes.		
3679		Yes.		Yes.	Thermic fever.		Yes.	Thermic fever.
3685		Yes.		Yes.	Thermic fever.		Yes.	Thermic fever.
3701		Yes.		Yes.	Thermic fever.		Yes.	Thermic fever.
3805		Yes.	Normal		Asthma.	Yes.		

The above number of cases were brought to Hospital as isolation cases, and treated in our "heat pavilion" during the months of June, July and August of last year. The number of cases were comparatively few, indicating moderate weather.

Of the 33 cases, there were only 26 typical heat cases. The other 7 cases, after a short treatment, proved to be suffering from other diseases.

Plasmodium found in two cases, those under numbers 3,177 and 3,548; they proved to be suffering from malaria.

Two under permit numbers 3,640 and 3,661, were suffering from acute alcoholism.

One under permit No. 3,805 was suffering from asthma, and the one under permit No. 3,654 was suffering from epilepsy and insanity. She was later transferred to the City Asylum.

Six patients died of thermic fever, of which the following are brief histories: —

Patient with permit No. 2,522, entered hospital July 7th, 1900, in an unconscious condition, with history of exposure to sun. The temperature on admission to hospital was 109, pulse 140, respirations 44. Cold baths and applications reduced the temperature to 99.9 in two hours. Stimulants were administered, but patient died 3 hours after entering hospital. Urinalysis showed presence of albumin and casts.

Permit No. 3,544 entered on August 17th, 1900, at 4:00 p. m. in an unconscious condition, with a temperature of 109.6, pulse 180, respirations 48, pupils were contracted and breathing stertorous. After bathing patient half an hour, during which time he was heavily stimulated, temperature fell to normal. But maniacal symptoms and convulsions set in and patient died at 11:00 p. m. same day, without regaining consciousness. No urine could be obtained.

Patient under Permit No. 3589, entered hospital August 18, 1900, with history of having had several attacks of sunstroke. He was unconscious and had a temperature of 105, pulse 180, respirations 24. It required constant applications of cold to keep down the temperature. Immediately before death, temperature rose to 107.4. Urinalysis showed presence of albumin and casts. Examination of blood for plasmodium malaria was negative. Patient died five days after entering hospital. Post-mortem examination showed mitral insufficiency and emphysema, oedema of the lungs, parenchymatous nephritis, fatty degeneration of the heart, central atrophy of the liver, hyperemia of arachnoid membrane and transudation of the serum in subarachnoid spaces.

Permit No. 3678, patient was brought to hospital at 1:35 p. m., August 21st, 1900, in an unconscious condition, with a temperature of 110.1, pulse 160, respirations 48; no urine could be obtained for analysis. Examination of blood revealed no changes in red cells or leucocytes, nor presence of plasmodium. Patient died at 6:15 p. m. the same day.

Permit No. 3683, entered hospital at 3:45 p. m., August 21st, 1900, in an unconscious condition, with temperature varying from 101 to 106. No urine could be obtained for analysis. Patient died at 2:30 a. m., August 22d, 1900.

Permit No. 3701, brought to hospital August 22d, 1900, with temperature of 103. Examination showed presence of albumin and granular casts in urine. Examination of blood for plasmodium revealed nothing abnormal. Patient died at 10:15 a. m., August 23d, 1900.

It was noticed in all deaths from thermic fever, when specimen of urine could be obtained, examination of same showed evidence of organic disease of kidneys.

All but one of the deaths above mentioned were investigated by the Coroner, hence hospital records show post-mortem report of only one case.

TYPHOID FEVER.

Number.	Widal's Test.	Malarial.	Albuminuria.	Diazo Reaction.	Recovery.	Death.	Immediate Cause of Death.
4563	Positive.	No.	No.	No.	Yes.	No.	
4564	Positive.	?	?	?	Yes.	No.	
4566	Positive.	No.	No.	No.	Yes.	No.	
4569	Positive.	No.	No.	No.	Yes.	No.	
4599	Positive.	Yes.	Yes.	Yes.	Yes.	.....	
4619	Positive.	No.	No.	No.	Yes.	.....	
4,61	Positive.	No.	No.	No.	Yes.	.....	
4762	Positive.	No.	No.	?	Yes.	.....	
4880	Positive.	No.	No.	?	Yes.	.....	
4881	Positive.	No.	No.	?	Yes.	.....	
4882	Positive.	Yes.	No	?	Yes.	.....	
4899	Positive.	?	No.	Yes.	No.	Yes.	Typhoid.
4945	Positive.	No.	Yes.	Yes.	.....	Yes.	Peritonitis, following perforation from Typhoid.
5765	Positive.	No.	Yes.	No.	Yes.	.....	
5170	Positive.	No.	Yes.	No.	Yes.	.....	
5215	Positive	No.	Yes.	?	Yes.	.....	
5227	Positive.	No.	No.	No.	Yes.	.....	
5428	Positive.	No.	Yes.	Yes.	Yes.	.....	
5484	Positive.	No.	Yes.	No.	Yes.	.....	
5584	Positive.	No.	Yes.	?	Yes.	.....	
5645	Positive.	No.	No.	No.	Yes.	.....	
5745	Positive.	No.	Yes.	?	Yes.	.....	
5780	Positive.	No.	Yes.	?	Yes.	.....	
5806	Positive.	No.	Yes.	?	No.	Yes.	Hemorrhage following Typhoid.
5993	Positive.	No.	No.	?	Yes.	.....	
6008	Positive.	No.	No.	No.	Yes.	.....	
6135	Positive.	No.	?	?	.....	Yes.	Peritonitis, following perforations from Typhoid.
6394	Positive	No.	Yes.	?	Yes.	.....	
6412	Positive.	No.	?	?	Yes.	.....	
6590	Positive.	No.	Yes.	?	Yes.	.....	
7469	Positive.	No.	Yes.	?	Yes.	.....	
7665	Positive.	No.	No.	?	Yes.	.....	
7783	Negative.	No.	Yes.	?	.....	Yes.	Hemorrhage, following Typhoid.
183	Positive.	No.	No.	?	.....	Yes.	Pneumonia, complicating Typhoid.
1227	Positive.	No.	Yes.	No.	Yes.	.....	
1300	Positive.	?	No.	No.	Yes.	.....	
1260	Negative.	No.	No.	No.	Yes.	.....	
1406	Negative	No.	No.	No.	Yes.	.....	
1709	Positive.	No.	No	No.	.....	Yes.	Miliary Tuberculosis and Typhoid.
2145	Positive.	No.	No.	?	Yes.	.....	
2344	Positive.	No.	No.	Yes.	.....	Yes.	Endocarditis, complicating Typhoid.
3253	Negative.	No.	No.	?	Yes.	.....	
3260	Positive.	No.	No.	No.	Yes.	.....	
3387	Positive.	No.	No.	?	.....	Yes.	Miliary Tuberculosis, complicating Typhoid.
3402	Positive.	No.	Yes.	No.	Yes.	.....	
3441	Positive.	No.	No.	No.	Yes.	.....	
3493	Negative.	No.	No.	No.	Yes.	.....	
3542	Positive.	No.	No.	No.	.....	Yes.	Peritonitis, following Psoas Abscess.
3579	Negative.	No.	Yes.	No.	Yes.	.....	
3673	Positive.	No.	No.	?	Yes.	.....	
3696	Positive	?	Yes.	?	Yes.	.....	
3700	Positive.	No.	Yes.	No.	Yes.	.....	
3785	Negative.	No.	Yes.	?	.....	Yes.	Acute Parenchymatous Nephritis, following Typhoid.
3836	Positive.	No.	Yes.	No.	Yes.	.....	
3934	Negative.	No.	No.	No.	Yes.	.....	
3998	Negative.	No.	No.	?	Yes.	.....	
4144	Positive.	Yes.	No.	Yes.	Yes.	.....	
4148	Positive.	No.	No.	No.	Yes.	.....	
4149	Positive.	No.	Yes.	No	Yes.	.....	
4216	Positive.	No.	No.	No	Yes.	.....	
4218	Positive.	No.	No.	No.	Yes.	.....	
4278	Positive.	No.	No.	Ko.	Yes.	.....	
4323	Negative.	Yes.	No.	No.	Yes.	.....	
4332	Positive.	No.	Yes.	Yes.	Yes.	.....	
4351	Positive.	No.	Yes.	No.	Yes.	.....	
4422	Positive	No.	No.	No.	Yes.	.....	
4427	Positive.	No.	No.	No.	Yes.	.....	
4469	Positive.	No.	No.	Yes.	Yes.	.....	
4481	Positive.	No.	No.	No	Yes.	.....	
4497	Positive.	No.	No.	?	.....	Yes.	Typhoid.
4506	Negative.	No.	No.	No.	Yes.	.....	
4531	Positive.	No.	No.	No.	Yes	.....	
4983	Positive	No.	No.	No.	.....	Yes.	Typhoid Fever.

The foregoing is a complete collection of 73 cases diagnosed typhoid fever. Among them was one case where the post-mortem findings differed from the clinical diagnosis. The patient admitted under Permit No. 3542 presented some marked symptoms and signs of typhoid fever, such as pain and distention of abdomen, chilly sensations and fever, coated tongue; examination of the blood gave a positive Widal's reaction. On post-mortem examination, however, it was found that there existed a peritonitis following an old Psoas abscess.

Out of the 73 cases of typhoid fever, 13 died; excluding the one case, which on post-mortem examination proved to be Psoas abscess, leaves 12 deaths from typhoid fever. Widal's reaction was found to be positive in 10 of the 12 cases. Both of the cases in which it was found negative, died early in the course of the disease, which perhaps accounts for the negative reaction. Out of the 72 cases of typhoid fever, 61 showed positive Widal's reaction. The following are brief histories of some of the interesting cases: —

Case No. 4925 was a young man, aged 21, whose ailment began with pain in the back, nausea, pain in the abdomen and epistaxis. Examination of abdomen showed it to be painful to the touch and tympanitic, a few rose-colored spots were found in the skin of the abdomen late in the course of the disease, tongue coated and dry; Urinalysis showed presence of albumin and casts. Serum examination showed positive reaction. About 15 days after the onset, patient grew rapidly worse, showed signs of peritonitis and died. The diagnosis of perforating typhoid ulcers was made, but patient's condition would not permit an operation. On post-mortem examination it was found that one of the typhoid ulcers near the ilio-coecal valve had perforated, causing a general peritonitis.

One other case of perforation from Typhoid Fever occurred, laparotomy was performed in this case. The history is as follows: —

Patient was a female and entered hospital December 5th, 1900, under Permit No. 6135. She was 22 years of age. Her ailment began with chills followed by fever two weeks prior to entering the hospital. Patient was emaciated and had a dull expression, tongue was coated and dry, pulse rapid and feeble, mucous rales heard over thorax, liver and spleen both enlarged, abdomen tympanitic, rose-colored spots found over abdomen, tenderness over entire abdomen, but most marked on right side. Vaginal examination showed a slight bulging of cul de sac of Douglas which was punctured and a small quantity of clear fluid removed. Urinalysis showed specific gravity 1016, amber color, acid reaction, albumin and casts were present, also pus and epithelial cells. Examination of blood showed Widal's reaction positive. Her temperature varied greatly, ranging from normal to 102 degrees Fahrenheit. On December 20, patient showed all signs and symptoms, such as marked pain, shock, tympanitis and vomiting. Abdomen was opened and a perforating ulcer was found in small intestines near ilio-coecal valve, which was sutured. A general purulent peritonitis was found present. Peritoneal cavity was irrigated with a normal saline solution and pelvis drained with a glass tube and gauze. Patient was put to bed and head of bed elevated. Stimulation and hypodermaclysis was resorted to. Patient died on December 22d, the day following the operation.

Post-mortem examination showed perforating typhoid ulcer which had been sutured, general peritonitis, chronic interstitial nephritis, tricuspid insufficiency and septic spleen.

Two deaths occurred from hemorrhage from typhoid ulcers. The histories are as follows: —

Patient with permit No. 5,806 entered the hospital November 20th, 1900, was 27 years of age. He was only partially rational and history was, therefore, very inaccurate. According to the best information obtainable, illness began 15 days prior to entering the hospital, with chills followed by fever. Patient had no fever when he entered the hospital. He complained of pain in abdomen and general malaise. Examination showed tongue coated, brown and very dry; no eruption was noted on abdomen, no enlargement of any of the organs of abdominal cavity; respiratory and circulatory apparatus showed nothing

abnormal. Examination of blood for plasmodium was negative, for Widal's reaction positive, the bacilli clumping in two minutes. Urinalysis showed specific gravity 1018, clear, acid reaction with presence of albumen, granular, epithelial and hyaline casts. On the night of the 20th, patient rose and attempted to jump from a second story window. He was put to bed again and carefully watched. Temperature was immediately taken and found to be normal. On the 22nd of November, temperature suddenly rose to 104 and a copious hemorrhage from bowels occurred. A hypodermaclysis was immediately given and stimulants with lead and opium were administered. Patient died November 23rd.

Post-mortem examination showed marked induration and ulceration of Pyer's patches; large amount of blood was found in the colon. There was also found a toxic parenchymatous nephritis, pericarditis obliterans and broncho pneumonia.

Patient with permit No. 7483 entered hospital February 10th, 1901, with symptoms and signs of gastric catarrh, such as fullness and pain in region of stomach after eating. Bowels were very loose. His case was diagnosed as acute gastritis. Patient left the hospital at his own request, the following day. He re-entered the hospital on the 12th of the same month, showing typical symptoms and signs of Typhoid Fever. Widal's reaction, however, was negative. On February 18th, patient had a very profuse hemorrhage from the bowel, during which attack he died.

On post-mortem examination it was found that the Pyer's patches were markedly ulcerated, a large amount of clotted blood was found in the small intestines; there was a general anæmia of the viscera.

CASES BROUGHT TO HOSPITAL IN AN UNCONSCIOUS CONDITION, WITH CLINICAL DIAGNOSIS.

Number.	Clinical Diagnosis.	Recovery.	Death.	Immediate Cause of Death.
61	Concussion of brain	Yes.		
165	Arsenic poisoning		Yes.	Arsenical poisoning.
274	Concussion of brain		Yes.	Concussion and sapremia.
258	Concussion of brain	Yes.		
318	Fracture of skull		Yes.	Fract. skull—Int. injuries.
372	Fracture of skull	Yes.		
480	Fracture of skull.		Yes.	Injury to brain.
514	Fracture of skull	Yes.		
576	Uræmia		Yes.	Uræmia.
614	Pneumonia		Yes.	Tuberculosis.
735	Uræmia	Yes.		
817	Fracture of skull		Yes.	Shock.
859	Coal gas poisoning	Yes.		
860	Coal gas poisoning	Yes.		
937	Concussion of brain	Yes.		
1092	Alcoholism	Yes.		
1159	Puerperal eclampsia—Nephritis		Yes.	Uræmia.
1160	Pneumonia		Yes.	Pneumonia—Heart failure.
1330	Opium poisoning		Yes.	Opium poisoning.
1364	Carbon poisoning	Yes.		
1382	Nephritis		Yes.	Uræmia.
1439	Insanity		Yes.	Insanity.
1480	Fracture of skull	Yes.		
1481	Morphine poisoning		Yes.	Heart failure.
1543	Uræmia—Nephritis		Yes.	Uræmia.
1668	Internal hemorrhage		Yes.	Penetrating Wd. liver.
1716	Belladonna poisoning		Yes.	Belladonna poisoning.
1726	Coal gas poisoning		Yes.	Coal gas poisoning.
1751	Uræmia—Nephritis		Yes.	Uræmia.
1848	Gunshot wound of head	Yes.		
1963	Gunshot wound of head		Yes.	Shock.
2105	Morphine poisoning		Yes.	Morphine Pois.—Heart failure.
2156	Epilepsy	Yes.		
2261	Scalp wound	Yes.		
2273	Uræmia	Yes.		
2313	Morphine poisoning		Yes.	Heart failure.
2408	Fracture of skull		Yes.	Shock.
2522	Heat prostration		Yes.	Thermic fever.
2541	Morphine poisoning		Yes.	Heart failure.
2677	Fracture of skull	Yes.		
2714	Fracture of skull		Yes.	Hemorrhage.
2715	Fracture of skull	Yes.		
2925	Tubercular meningitis	Yes.		
2999	Morphine poisoning	Yes.		
3008	Alcoholism	Yes.		
3098	Apoplexy		Yes.	Apoplexy.
3099	Malaria	Yes.		
3114	Morphine poisoning	Yes.		
3117	Cerebral hemorrhage		Yes.	Cerebral hemorrhage.
3208	Fracture of skull	Yes.		
3525	Heat exhaustion	Yes.		
3654	Alcoholism	Yes.		
3679	Thermic fever		Yes.	Thermic fever.
3685	Thermic fever		Yes.	Thermic fever.
3701	Thermic fever		Yes.	Thermic fever.
3724	Apoplexy		Yes.	Apoplexy.
3743	Morphine poisoning		Yes.	Heart failure.
3917	Uræmia and malaria		Yes.	Uræmia—Malarial intoxication.
4066	Fracture clavicle—Nephritis		Yes.	Uræmia.
4068	Uræmia		Yes.	Uræmia.
4284	Nephritis		Yes.	Uræmia.
4286	Alcoholism	Yes.		
4289	Fracture of skull	Yes.		
4517	Concussion of brain	Yes.		
4542	Alcoholism	Yes.		
4603	Cerebral hemorrhage		Yes.	Cerebral hemorrhage.
5071	Poisoning	Yes.		
5205	Acoholism	Yes.		
5211	Phthisis		Yes.	Tuberculosis—Heart failure.
5309	Fracture of skull		Yes	Shock.
5355	Uræmia		Yes.	Uræmia.
5396	Fracture of skull		Yes.	Shock.
5419	Asthma—Dilatation of heart		Yes.	Acute dilatation of heart.

CASES BROUGHT TO HOSPITAL IN AN UNCONSCIOUS CONDITION, WITH CLINICAL DIAGNOSIS—*Continued.*

Number.	Clinical Diagnosis.	Recovery.	Death.	Immediate Cause of Death.
5431	Alcoholism	Yes.	.....	
5545	Alcoholism	Yes.	.....	
5558	Carbolic acid poisoning	Yes.	.....	
5570	Uræmia—Nephritis	.....	Yes.	Uræmia.
5577	Intercranial Hemorrhage	.....	Yes.	Cerebral Hemorrhage.
5615	Phthisis—Morphine poisoning	.....	Yes.	Morphine poisoning.
5633	Alcoholism	Yes.	.....	
5938	Morphine poisoning	.....	Yes.	Morphine poisoning—Heart failure.
5940	Epilepsy	Yes.	.....	
6171	Uræmia	.....	Yes.	Uræmia.
6197	Fracture of skull	.....	Yes.	Compression of brain.
6216	Carbolic acid poisoning	Yes.	.....	
6254	Alcoholism	Yes.	.....	
6277	Fracture of skull	Yes.	.....	
6314	Uræmia	.....	Yes.	Uræmia.
6463	Morphine poisoning	.....	Yes.	Morphine Poisoning—Heart failure.
6526	Ptomaine poisoning	Yes.	.....	
6544	Apoplexy	.....	Yes.	Apoplexy.
6555	Parenchymatous nephritis	.....	Yes.	Uræmia.
6567	Fracture of skull	.....	Yes.	Hemorrhage.
6622	Uræmia—Nephritis	.....	Yes.	Uræmia.
7211	Carbolic acid poisoning	Yes.	.....	
7281	Injuries and shock	.....	Yes.	Shock—Hemorrhage.
7286	Nephritis	.....	Yes.	Uræmia.
7298	Alcoholism	Yes.	.....	
7403	Parenchymatous nephritis	.....	Yes.	Uræmia.
7543	Fracture of skull	.....	Yes.	Contusion of brain.
7634	Fracture base of skull	Yes.	.....	
7638	Alcoholism	Yes.	.....	
7706	Fracture of skull	.....	Yes.	Injury to brain.
7856	Gunshot wound of neck	.....	Yes.	Shock.
7900	Gunshot wound of head	.....	Yes.	Injury to brain.
7901	Uræmia—Nephritis	.....	Yes.	Uræmia.
8033	Uræmia—Nephritis	.....	Yes.	Uræmia.
8114	Fracture of skull	.....	Yes.	Contusion of brain.
8304	Gunshot of back	.....	Yes.	Shock—Hemorrhage.
8414	Pneumonia	.....	Yes.	Pneumonia—Dilatation of heart.
8547	Alcoholism	Yes.	.....	
8551	Poison	.....	Yes.	Poison.
8572	Carbolic acid poisoning	.....	Yes.	Heart failure.
8590	Strychnia poisoning	Yes.	.....	
8616	Fracture of skull	.....	Yes.	Contusion of brain.
8709	Alcoholism	Yes.	.....	
8779	Nephritis—Mitral Insufficiency	Yes.	.....	
8833	Morphine poisoning	.....	Yes.	Morphine poisoning.

Among the patients who entered in an unconscious condition, were two of pernicious malaria fever.

Case No. 1, with permit No. 3099, entered the Hospital on July 29th, 1900, in an unconscious condition, with a history of having been seized with a severe chill the day before. Patient was unconscious for 12 hours. Malaria plasmodium were found in great abundance in the blood. Patient recovered under large doses of quinine.

Case No. 2, with permit No. 3917, entered Hospital August 30th, 1900, in a state of coma. No history could be obtained. On entering the Hospital patient had a temperature of 101, which rose gradually to 106. Death followed in 24 hours. The blood contained an abundance of plasmodium malaria. Urinalysis did not show any albumin present. It being a Coroner's case, no post-mortem examination was held.

An interesting case of Morphine poisoning is herewith reported, which also shows our method of treatment in some of the severest cases: —

Case with permit No. 2,999, entered the hospital, July 26th, 1900, with a history of having taken morphine. Patient was in unconscious condition. A stomach tube was immediately applied, atropine and stimulants consisting of strychnine and whisky, were administered hypodermatically. The basilic vein

was opened and 10 ounces of dark blood removed, and twice the quantity of normal saline solution injected. It was necessary to resort to artificial respiration for several hours. Respiratory centers were also stimulated by means of an electric current. Patient recovered.

Patient under permit No. 6,216, records a case of carbolic acid poisoning, which entered the hospital in an unconscious condition. A thorough stomach lavage was immediately given with water and pure alcohol. After thoroughly evacuating the stomach, 100 c. c. of magnesium sulphate was administered through stomach tube. Emoluent drinks were then given to protect mucous membrane. Patient recovered.

History with permit No. 1,159 records a case of puerperal eclampsia with treatment of the case. Husband of patient stated that she had been pregnant for seven months, and had been healthy until the night before entering the hospital, when she was suddenly seized with convulsions followed by unconsciousness. At the hospital patient was unconscious with pupils dilated and reacting slowly to light; corneal reflex was absent. Examination of the lungs showed presence of mucous rales over entire chest. The extremities were covered with profuse perspiration. Urine was very scanty and showed presence of albumin, granular and hyaline casts and blood corpuscles. Abdomen was enlarged, corresponding to about seven months' pregnancy. Foetal heart sounds were audible, os uteri was dilated to about one inch in diameter, membrane somewhat protroding. A rapid dilatation of cervix was immediately performed and child delivered alive. Patient was then placed in a hot pack and heavily stimulated with whisky and strychnine. She was also given a hypodermaclysis of normal saline solution. Patient died.

History with permit No. 859, records an interesting case of coal gas poisoning with treatment. Patient entered the hospital in an unconscious condition with history of having been overcome by coal gas. Examination showed the skin of a dark hue, lips blue, pupils dilated and reacting slowly to light. Large moist rales were audible over both lungs, breath contained the odor of coal gas. Patient was immediately placed in a recumbent position with feet slightly elevated. Venesection and transfusion with normal saline solution was immediately performed. Patient stimulated. Recovered.

FRACTURE OF SKULL.

Number.	Direct Violence.	Indirect Violence.	Location of Fracture.	Kind of Fracture.	Craniotomy.	Recovery.	Immediate Cause of Death.
61.	Yes.	.....	Vortex.	Compound.	No.	Yes.	
272.	Yes.	.....	Base.	Comminuted.	No.	No..	Shock.
288.	.....	Yes.	?	Simple.	.....	Yes	
369	Yes.	.....	?	.....	.....	Yes.	
428.	Yes.	.....	R. parietal eminence.	Simple.	Yes.	Yes.	
480.	.....	Yes.	Vortex.	Comminuted.	Yes.	No.	Inj. to brain.
514.	.....	Yes.	Vortex.	Compound.	Yes.	Yes.	
609.	.....	Yes.	Parietal eminence.	Simple.	No.	Yes.	
817.	Yes.	....	R. frontal eminence.	Compound.	No.	No.	Shock.
1038	Yes.	.....	L. frontal eminence.	Compound.	Yes.	Yes.	
1220.	Yes.	.....	R. frontal eminence	Compound.	Yes.	Yes.	
1237.	Yes.	.....	Vortex.	Comminuted.	No.	No.	Shock.
1362.	Yes.	.....	Frontal region.	Compound.	No.	Yes.	
1384.	Yes.	.....	Base L. parietal sut.	Compound.	No.	No.	Shock basilar.
1480.	.....	Yes.	?	Simple.	Yes.	Yes.	Hemorrhage.
1712.	?	?	Base.	Compound.	No.	No.	Shock.
2408.	Yes.	.....	Base.	Simple.	No.	No.	Shock.
2532.	Yes.	.....	R. parietal eminence.	Comminuted.	Yes.	Yes.	
2612.	.....	Yes.	Base.	Simple.	No.	Yes.	
2630.	.....	Yes.	Base.	Compound.	No.	Yes.	
2677.	Yes.	.....	Vortex.	Compound.	Yes.	Yes.	
2714.	Yes.	.....	R. parietal eminence.	Compound.	Yes.	No.	Shock hemorrhage.
2715.	Yes.	.....	R. frontal eminence.	Compound.	No.	Yes.	
2992.	Yes.	.....	R. frontal eminence.	Compound.	Yes.	Yes.	
3207.	Yes.	.....	Globella.	Compound.	No.	Yes.	
3208.	Yes.	.....	Vortex.	Compound.	No.	Yes.	
3232.	Yes.	.....	Vortex.	Comminuted.	Yes.	Yes.	
3310.	Yes.	.....	Base.	Simple.	Yes.	No.	Shock-hemorrhage.
4417.	Yes.	.....	Base.	Simple.	No.	No.	Shock-hemorrhage.
4503.	Yes.	.....	Base.	Compound.	No.	No.	Shock-hemorrhage.
4706.	Yes.	.....	R. parietal eminence.	Compound.	Yes.	No.	Shock-hemorrhage.
4995.	Yes.	.....	L. parietal eminence.	Comminuted.	Yes.	No.	Shock-hemorrhage.
5309.	.....	Yes.	Base.	Simple.	No.	No.	Shock-hemorrhage.
5592.	Yes.	.....	L. parietal eminence.	Simple.	Yes.	No.	Shock.
5685.	Yes.	...	Frontal eminence.	Compound.	No.	Yes.	
5873.	Yes.	.....	R. parietal eminence.	Simple.	No.	No.	Shock.
6158.	Yes.	.....	R. parietal eminence.	Simple.	No.	No.	Shock.
6193.	Yes.	.....	R. parietal eminence.	Simple.	Yes.	Yes.	
6197	Yes.	.....	Base.	Simple.	No.	No.	Shock.
6277.	Yes.	.....	?	Simple.	No.	Yes.	
6567.	Yes.	....	Occipital eminence.	Simple.	Yes.	No.	Shock-hemorrhage.
6607.	Yes.	.....	Base.	Simple.	No.	Yes.	
6980.	Yes.	.....	Base	Simple.	No.	No.	Shock-hemorrhage.
7543	Yes.	.....	R. parietal eminence.	Simple.	Yes.	No.	Shock-hemorrhage.
7584.	Yes.	.....	R. parietal eminence.	Compound.	No.	Yes.	
7591.	Yes.	.....	L. Frontal eminence.	Compound.	Yes.	Yes.	
7634.	Yes.	. ...	Vortex.	Compound.	No.	No.	
7706.	Yes.	.....	Base.	Simple.	No.	No.	Shock.
8114.	Yes.	.....	Base.	Simple.	No.	No.	Shock.
8283.	Yes.	.....	L. parietal eminence.	Compound.	No.	No.	Shock.
8508.	Yes.	.....	Vortex.	Compound.	Yes.	Yes.	
8616.	Yes.	.....	R. parietal eminence.	Comminuted.	Yes.	No.	Shock.

NARCOSIS.

Chloroform has been the favorite narcosis at the City Hospital during the past year and was used in a large majority of cases. In some cases, chloroform and ether both were used.

Chloroform was used in 455 cases.

Chloroform and ether was used in 17 cases.

The following operations were performed under a general anaesthetic: —

Laparatomies for penetrating wounds and other injuries of abdomen	67	Ovarian cyst	2
Craniotomies	32	Removal of venereal warts	1
Wiring of the femur	5	Removal of orbital tumor	1
Appendectomies	8	Circumcision	5
Exploratory laparotomies	12	Trachelorraphy	1
Herniotomies	17	Enucleation of eye	4
Examination of pelvic organs	48	Removal of bullet from leg	1
Amputation of forearm	2	Tubercular abscess from dorsal region	1
Nephrectomy	1	Resection of ribs	11
Removal of bullet from forearm	3	Removal of gall bladder	1
Opening of Cowper's gland	1	Supra-pubic cystotomy	1
Resection of knee joint	1	Ischio-rectal abscess	4
Reduction of dislocations	14	Double oophorectomy	2
Removal of pus from femur	1	Opening of tubercular adenitis of neck	3
Amputation of leg	12	Removal of glands from neck	2
Gunshot wound of chest	6	Carbuncle of neck	1
Skin grafting	3	Cystoscopic	6
Curettment	16	Removal of bone, fracture foot	1
Carcinoma of rectum	1	Gunshot wound of foot	1
Opening Douglas cul de sac	9	Osteotomy	1
Double amputation of thigh	1	Abscess of foot	1
Hemorrhoidectomy	4	Amputations	11
Fracture of leg	1	Adenectomy, from axilla	1
Amputation of digits	6	Resection of femur	1
Amputation of the arm	2	Disarticulation of hip joint	1
External urethrotomy	15	Abscess of hip	3
Opening perineal abscess	2	Dilatation of cervix uteri	1
Opening of axillary abscess	4	Ligating arteries of forearm	1
Removal of bullet from hand	1	Wiring of radiu and ulna	1
Cellulitis of arm	3	Resection of foot	1
Fistula in ano	6	Tracheotomy	1
Removal of gall stones	1	Psoas abscess	2
Carcinoma of rectum	2	Mastoiditis	1
Hysterectomy	12	Repair of lacerated perineum	1
Perinerorraphy	1	Excision of epithelioma of hip	2
Opening of wound in leg for drainage	1	Resection of elbow joint	1
Wiring of tibia	2	Osteotomy of tibia	1
Abscess of the gland of Bartholine	1	Stab wound of thigh	1
Gunshot of pelvis	1	Exploratory operations	10
Plaster cast on leg	1	Tubercular sinus of axilla	1
Thorocotomy	6	Suturing of pericardium	1
Laminectomy	2	Ectopic pregnancy	1
Bubectomy	4	Protectomy	2
Opening abscess of thigh	3	Opening of sinus of inguinal region	1
Radical cure for hemorrhoids	9	Amputation of hand	1
Depressed fracture	1	Gastrotomy	1
Caesarean section	1	Extirpation of sympathetic ganglia	1
Uterine fixation	1	Wiring inferior maxilla	1
Removal of naevus	1	Stab wound of neck	1
Thyrodectomy	1	Varicocele	1
Nephrotomy	1	Removal of polyp from nose	1
Removal of carcinoma of jaw	1		

Hydrocele operation	2	Fracture of humerus	1
Carcinoma of jaw	1	Bursitis	1
Stab wounds of chest	2		
Carcinoma of uterus and bladder	1	Total	472
Plastic operation of face	1		

SUBARACHNOID COCAINIZATION.

Spinal anaesthesia was so universally used in the various hospitals that it was deemed advisable to give the method a trial at the City Hospital. It was therefore, employed in 5 cases, 2 of which were labor cases, and 3 were minor operations on the lower extremities. Although our experience with spinal anaesthesia was very brief, it nevertheless demonstrated its inferiority to the general anaesthesia of chloroform and ether. In the two cases of labor it was found, firstly to diminish the labor pains, secondly to cause the patient to remove all voluntary assistance in the contraction of the uterus, thirdly to prolong labor, fourthly, in the one case, labor continued so long that the second injection had to be administered; fifthly, patient suffered greatly for 24 hours after delivery, from headache, nausea and fever.

One of the other cases was an old nephritic, who a short time after the anaesthetic, was compelled to keep his bed continually and died 3 weeks after the operation from chronic interstitial nephritis.

The disadvantages of this form of anaesthesia noted during our brief observations were, firstly, the quite extensive preparation of both patient and cocaine, necessary; secondly, the danger of infection from the carrying of the bacteria of the skin into the spinal canal; thirdly, the danger of piercing the spinal veins, causing hemorrhage about the cord; fourthly, the consciousness of the patient during the operation and the great mental strain caused by it; fifthly, the rigidity of the muscles which would make this method very impracticable in abdominal surgery, as it would be difficult to retain the bowels in the abdominal cavity on account of the increased intra-abdominal pressure. This would increase the liability of general infection of the peritoneum in cases of abscess in any part of the abdominal cavity; sixthly, the disagreeable after-effects, such as high fever and nervous symptoms.

No particular advantages of this form of anaesthesia over that of chloroform and ether were noted, it was, therefore, discontinued.

PENETRATING WOUNDS OF ABDOMEN.

Number.	Knife Wound.	Bullet Wound.	Laparotomy.	Location of Injury.	Death.	Recovery.	Immediate Cause of Death.
2	Yes.	.....	No.	Kidney.	.....	Yes.	
36	.....	Yes.	Yes.	Stomach.	Yes.	.....	Shock.
71	.....	Yes.	No.	Kidney.	Yes.	.....	Hemorrhage.
338	Yes.	.....	Yes.	Peritoneum.	....	Yes.	
640	Yes.	.....	No.	Peritoneum.	....	Yes.	
767	Yes.	.....	Yes.	Liver.	.....	Yes.	
917	.....	Yes.	Yes.	Abdominal Vessels.	Yes.	.....	Hemorrhage.
947	Yes.	.....	Yes.	Peritoneum.	.....	Yes.	
1199	Yes.	.....	No.	Diaphragm.	.....	Yes.	
1296	Yes.	.....	Yes.	Bowels.	Yes.	.....	General Peritonitis.
1238	Yes	.....	No.	Liver.	.....	Yes.	
1880	Yes.	.....	Yes.	Diaphragm.	.....	Yes.	
1463	.....	Yes.	Yes.	Kidney.	.....	Yes.	
1486	.....	Yes.	Yes.	Liver and Stomach.	Yes.	.....	Peritonitis and Hemorrhage.
1490	.....	Yes.	No.	Bowels.	Yes.	.....	General Peritonitis.
1601	.....	Yes.	Yes.	Kidney-Intestines.	Yes.	.....	General Peritonitis.
1603	Yes.	.....	Yes.	Peritoneum.	.....	Yes.	
1636	.....	Yes	Yes.	Intestines-Mesentery.	Yes.	.....	Peritonitis.
1668	.....	Yes.	Yes.	Liver.	Yes.	.....	Hemorrhage.
1678	.....	Yes.	Yes.	Jejunum.	Yes.	.....	Peritonitis.
1817	.....	Yes.	Yes.	Splenic Artery.	Yes.	.....	Hemorrhage.
1850	.....	Yes.	No.	Femoral Artery.	Yes.	.....	Hemorrhage.
1923	.....	Yes.	Yes.	Jejunum.	.....	Yes.	
2706	.....	Yes.	Yes.	Kidney.	.....	Yes.	
2082	.....	Yes.	Yes.	Intestines.	....	Yes.	
2331	.....	Yes.	Yes.	Bladder.	..	Yes.	
2364	....	Yes.	Yes.	Stomach.	Yes.	.....	Hemorrhage.
2421	.....	Yes.	Yes.	Liver.	...	Yes.	
2529	Yes.	.....	Yes.	Intestines.	Yes.	.....	Peritonitis.
2574	.....	Yes.	Yes.	Stomach and Liver.	Yes.	.....	Peritonitis.
2785	.....	Yes.	Yes.	Intestines.	Yes.	.....	Peritonitis-Shock.
2840	.....	Yes.	Yes.	Stomach.	Yes.	....	Shock.
2990	Yes.	...	Yes.	Intestines.	.	Yes.	
2966	....	Yes.	No.	Liver.	Yes.	....	Hemorrhage.
3103	Yes	...	Yes.	Peritoneum.	.....	Yes.	
3284	...	Yes.	Yes.	Intestines.	....	Yes.	
3245	Yes.	....	Yes.	Omentum.	.. .	Yes.	
3453	Yes.	....	Yes.	Diamphragm.	....	Yes.	
3884	....	Yes.	Yes.	Intestines.	Yes.	.	Hemorrhage.
4003	Yes.	.....	Yes.	Omentum.	.....	Yes.	
4005	Yes	.....	Yes.	Peritoneum.	.....	Yes.	
4034	Yes.	....	Yes.	Peritoneum.	....	Yes.	
4051	Yes.	....	Yes.	Peritoneum.	....	Yes.	
4114	Yes.	.....	Yes.	Peritoneum.	.....	Yes.	
4197	...	Yes.	Yes.	Intestines.	.....	Yes.	
3812	Yes.	...	Yes.	Peritoneum.	.....	Yes.	
4171	.....	Yes.	Yes.	Abdominal Vessels.	Yes.	.....	Hemorrhage.
4271	Yes.	.. ...	Yes.	Spleen.	Yes.	.....	Hemorrhage.
4436	Yes.	.....	Yes.	Omentum.	.....	Yes.	
4632	.....	Yes.	Yes.	Stomach.	Yes.	.....	Shock.
4722	.....	Yes.	No.	Internal Vessels.	Yes.	.....	Hemorrhage.
4826	Yes.	....	Yes.	Peritoneum.	.....	Yes.	
4827	.....	Yes.	Yes.	Stomach.	.....	Yes.	
4842	.....	Yes.	Yes	Stomach.	Yes.	.....	Peritonitis.
4849	.....	Yes.	Yes.	Intestines.	.....	Yes.	
5250	.....	Yes.	Yes.	Intestines.	Yes.	.....	Shock.
5322	.....	Yes.	Yes.	Liver.	Yes.	.....	Shock.
5604	.....	Yes.	Yes.	Intestines.	Yes.	.....	Shock.
5851	.....	Yes.	Yes.	Intestines.	Yes.	.....	Peritonitis.
6259	.....	Yes.	Yes.	Intestines.	.....	Yes.	
6363	.....	Yes.	Yes.	Mesenteric Arteries.	Yes.	.....	Hemorrhage.
6609	Yes.	.....	Yes	Omentum.	Yes.	....	Peritonitis.
7067	....	Yes.	No.	Liver.	.....	Yes.	
7093	.....	Yes.	Yes.	Stomach.	Yes.	.....	Shock.
7333	.....	Yes.	Yes.	Liver.	Yes.	.....	Hemorrhage.
7358	.....	Yes.	Yes.	Intestines.	Yes.	.....	Peritonitis.
7550	.....	Yes.	Yes.	Intestines.	Yes.	....	Hemorrhage.
7612	Yes.	.....	Yes.	Peritoneum.	.....	Yes.	
7772	Yes.	....	Yes.	Peritoneum.	....	Yes.	
8447	...	Yes.	Yes.	Bladder.	Yes.	.....	Toxæmia.
8577	Yes.	....	Yes.	Omentum.	.....	Yes.	
7448	...	Yes.	Yes.	Intestines.	Yes.	.....	Peritonitis.
8752	Yes.	.....	Yes.	Omentum.	.....	Yes.	
8788	Yes.	....	Yes.	Peritoneum.	....	Yes.	
8876	.....	Yes.	Yes.	Stomach.	Yes.	.....	Peritonitis-Shock.
8859	.....	Yes.	Yes.	Spleen.	.....	Yes.	

Of the 76 cases of penetrating wounds of abdomen, 39 recovered and 37 died; 46 of the total number were bullet wounds, and 30 were knife wounds. Thirty-three deaths occurred from bullet wounds; of these, 13 died from hemorrhage from large abdominal vessels, 7 from shock, one from toxæmia, and 12 from general peritonitis.

Four deaths occurred from knife wounds, of which one died of hemorrhage and three from general peritonitis.

Sixty-six laparotomies were performed, with 34 recoveries. Patients not operated upon either died before they could be prepared for operation or presented wounds of such a character that operative interference was not thought advisable.

The injured organs were as follows: Liver was injured in 10 cases, stomach was injured in 9 cases, kidney injured in 5 cases, peritoneum alone in 14 cases; intestines injured in 21 cases, bladder injured in 2 cases, other organs in 18 cases.

It is seen from the above, that bullet wounds were far more fatal than stab wounds, since 33 of the 37 deaths were produced by bullet. Of the 33 deaths, 21 occurred from bullet wounds of the alimentary canal. A large majority of these died of general peritonitis owing to the infection of the peritoneum through the penetrating wound.

In the treatment of these cases, therefore, it was always supposed that the peritoneum was infected. Efforts were directed, firstly, for preventing further infection by carefully closing the perforation; secondly, cleansing peritoneal cavity by means of irrigation with hot saline solutions; thirdly, by establishing thorough drains by means of gauze and glass tubes; fourthly, elevation of the head of the bed and preventing as much as possible the flow of infectious material toward the diaphragm, and thus retard the absorption of the infectious material. In addition to this, the usual treatment consisting of stimulants with hypodermaclysis and enemas of salt solution were resorted to. In this manner, we have successfully treated very serious cases of gunshot wound of the alimentary canal. Brief histories of some of the most interesting cases are given below: —

Case No. 1, was a patient 23 years of age and entered the Hospital under permit No. 4,197, suffering from a gunshot wound of right side of abdomen. He was of slight build, though in fairly good general health. Examination of the wound showed it to perforate. Laparotomy was immediately performed and four perforations of the small intestines were found. The small intestine was completely cut in two at one place, and a large amount of fœcal matter had escaped into the peritoneal cavity. Resection of the intestine was made at this point and a Murphy's button used to approximate the gut. The other perforations were carefully closed with Lambert sutures and abdomen drained by means of large strips of gauze through the laparotomy incision, which was located in median line just above the pubis. Murphy's button passed per rectum 10 days after operation. Patient made a good recovery.

Case No. 2, entered Hospital under permit No. 6,269, with bullet wound of right side of abdomen. Bullet entered near McBurney's point and passed through the abdomen in a downward direction toward left side. The abdomen was opened in right linea semilunaris. On opening the abdomen and examining the bowels it was found that the intestines had been perforated in 19 places and the mesentery in four. One portion of the small intestine contained 11 perforations in close proximity to each other. A resection of this entire portion of the intestine was made. A Murphy's button was used to approximate the ends of the intestines. The other perforations were sutured with Lambert suture, the bleeding vessels were ligated, the abdomen was flushed with hot normal saline solution and fœcal matter was removed as much as possible. Large gauze drains were placed in various parts of the peritoneal

cavity, all leading out of the laparotomy wound. On the 10th day, patient passed the Murphy's button; on the same day, patient complained of severe pains in right gluteal region. The point of pain being in a line with course of bullet, it was thought to be an abscess produced by the bullet. An incision was, therefore, made, and a large amount of pus removed from the muscle. A bullet of 48 calibre was also found imbedded in the muscle. After this, patient made an uninterrupted recovery.

Case No. 3, with permit No. 1,928, entered Hospital suffering from a gunshot wound of abdomen, situated in left hypochondriac region. Abdomen was opened in median line and seven perforations found in jejunum. Perforations were sutured with silk Lambert suture, peritoneal cavity flushed with normal saline solution and drained. Patient recovered.

Among the most interesting cases of bullet wounds of the stomach was a patient who entered Hospital October 7th, 1900, with permit No. 4,827. History:—

Patient had been shot by a footpad, the bullet entering the abdomen in epigastric region. Laparotomy was immediately performed on entering and two large perforations were found, one in anterior and one in posterior wall of stomach, near the fundus. A large amount of stomach contents was found to have escaped into the peritoneal cavity, which was removed as thoroughly as possible. The perforations were sutured, large gauze drains were placed in all directions, so that stomach was almost completely surrounded by gauze. After the 6th day, gauze was gradually removed. Drains were entirely removed on the 10th day, at which time wounds were found to be slightly infected. Culture of the pus showed presence of bacillus pycocyaneus. Infection, however, was limited to a small area and lasted for a few days only. Patient completely recovered.

A very interesting case of wound of bladder was received here on June 30th, 1900, history No. 2,331. Patient received a bullet wound of back, located about 1 inch to the left of anus, ranging upward and forward. Examination of urine showed presence of a large amount of blood, indicating a perforation of bladder. Further examination showed the bullet to be imbedded in the anterior abdominal wall immediately above the pubis. Laparotomy was performed and the bladder found to be perforated in two places, the point of entrance near the urethra, the point of exit in the fundus of the bladder. Perforations were carefully sutured with three rows of suture, and supra-pubic cystotomy performed for drainage. Patient recovered.

TETANUS.

No.	Source of Infection.	Treatment Employed.	Immediate Cause of Death.
910	Wound over eye....	Carbolic acid Anti-spasmodic	Exhaustion. Asphyxiation.
4682	Wound of arm	Carbolic acid Antitoxin	Exhaustion.
4884	Vaccination	Carbolic acid Antitoxin	Asphyxiation.
8187	Wound of foot	Stimulants Anti-spasmodics Venesection Transfusion with saline solution	Cardiac failure. Asphyxiation.

Various methods of treatment were employed in our tetanus cases during the last year, all with negative results.

In the first case, the carbolic acid treatment, which proved successful in one case last year, was employed; in the second and third cases, combined treatment of antitoxin and carbolic acid injections was used. In the fourth case, anti-spasmodics, venesection and transfusion of saline solution were used, all to no avail.

Brief histories with methods of treatment are given below.

History:—

Permit No. 910, age 14, entered hospital May 4, 1900, stating that he had been kicked by a horse one week prior to entering. A small wound was found over left eyebrow, which the patient had received by a kick from a horse. Wound was suppurating. On the day of entrance to hospital patient complained of pain in neck and jaw, was unable to open his mouth or swallow food. Tetanic twitchings soon followed, and later on convulsions were pronounced. Urinalysis showed specific gravity 1020, clear, no albumin or sugar; temperature, 99. Wound was cleansed and cauterized with pure carbolic acid. He was then put on the carbolic acid treatment and injections with notations made as follows:—

CARBOLIC ACID INJECTIONS, WITH 10% SOLUTION.

Date.	Amount.	Remarks.
May 4th:		
8:30 P. M.	10 M.	7:30 P. M. Tea, 3 ozs.
8:45 P. M.	20 M.	Restless.
9:00 P. M.	30 M.	Bromide & Choral 16 c.c. Cit. Caffein.
9:30 P. M.	30 M.	
10:00 P. M.	30 M.	Catherized, 1 oz. urine, no albumin, or carbolic present.
10:30 P. M.	30 M.	
11:00 P. M.	30 M.	Pain in left jaw.
11:30 P. M.	30 M.	Resting.
May 5th:	30 M.	
12:00 M.	30 M.	Medicine as at 9 P. M., Temp. normal.
12:30 A. M.	30 M.	
1:00 A. M.	30 M.	Morphine ¼ gr. hypodermically.
1:30 A. M.	30 M.	Coffee, 1 oz.
2:00 A. M.	30 M.	Catherized, ½ oz. urine, examination shows no albumin or carbolic acid.
2:30 A. M.	30 M.	P. 64, R. 24, T. 98.
3:00 A. M.	30 M.	Sleeping at intervals.
3:30 A. M.	30 M.	A little restless.
4:00 A. M.	30 M.	Sleeping well.
5:00 A. M.	30 M.	Medicine same as 9 P. M., P. 72, R. 28, T. 99.
5:30 A. M.	30 M.	Moaning and restless.
6:00 A. M.	30 M.	Catherized, no urine.
6:30 A. M.	30 M.	Coffee, 4 ozs.
7:00 A. M.	30 M.	Muscular twitching.
7:30 A. M.	30 M.	" "
8:00 A. M.	30 M.	" "
8:30 A. M.	30 M.	" "
9:00 A. M.	30 M.	" "
9:30 A. M.	30 M.	" "
10:00 A. M.	30 M.	Slight convulsions.
10:30 A. M.	30 M.	Sleeping.
11:00 A. M.	30 M.	Convulsion.
11:30 A. M.	30 M.	"
12:00 M.	30 M.	Morph. ¼ grain.
12:30 P. M.	30 M.	Convulsion, P. 120, R. 36 and T. 99.
1:00 P. M.	30 M.	Resting quietly.
2:00 P. M.	30 M.	Refuses nourishment.
3:00 P. M.	30 M.	Slight convulsion.
4:00 P. M.	30 M.	Convulsion, P. 84, R. 36, T. 99
5:00 P. M.	30 M.	Muscular twitching constantly.
6:00 P. M.	30 M.	Refuses medicine.
7:00 P. M.	30 M.	Convulsions severe.
8:00 P. M.	30 M.	Morph. ¼ grain.
9:00 P. M.	30 M.	Catherized 2½ ozs. urine, no albumin or carbolic acid.
10:00 P. M.	30 M.	Anema & Brom. & Chlor., Frumenti.
11:00 P. M.	30 M.	Caffien, Tinct. Hyoscyami.
May 6th:		
12:00 A. M.	30 M.	P. 100, R. 28, T. 101.
1:00 A. M.	30 M.	Catherized, 3 ozs., no albumin or carbolic acid—convulsions.
2:00 A. M.	30 M.	Convulsions very severe, Hypo. morph.
		Convulsions at shorter intervals and more severe. Died at 11:45 A. M.

Case No. 2, permit No. 4682, patient 27 years of age, entered the Hospital October 1st, 1900, with the history of having fallen into a basement on the 24th of last month, sustaining a compound fracture of both bones of left forearm. A physician was called to treat the case, and it seemed to be doing very well until September 30th, when patient noticed a stiffness in the neck. She steadily grew worse, and was brought to the Hospital. When she arrived here the muscles of the neck were in a state of tonic contraction. Patient was unable to separate her teeth and was unable to swallow. Convulsions were frequent and became severe. When patient entered Hospital, at 8:00 p. m., urinalysis showed specific gravity 1026, amber, acid, cloudy, albumin present, no sugar, granular and hyaline casts, epithelial cells. Thirty drops of a 10 per cent. solution of carbolic acid were injected every half hour for a period of twenty hours, in a manner similar to the treatment in the foregoing case. The urine was examined for the presence of carbolic acid every two hours; antispasmodics were administered internally; antitoxic serum was injected as shown in the table below. Temperature, pulse and respiration are also recorded below.

Date.	Temp.	Pulse.	Resp.	
Oct. 1st, 7:00 P. M.	103	96	26	Antitoxic serum injected 10 c. c. Suffering intensely; severe convulsions.
12:00 M.	103	100	26	Unable to swallow; retraction of head very marked; convulsions very frequent, antitoxic serum 10 c. c. injected.
Oct. 2d, 3:00 A. M.	103	100	28	Antitoxic serum 10 c. c.
6:00 A. M.	103	98	26	Antitoxic serum 6 c. c.
9:00 A. M.	103	106	30	
1:00 P. M.	103	90	36	Antitoxic serum 10 c. c.
3:00 P. M.	104	110	36	

Patient's urine was examined repeatedly for carbolic acid, but none was found. Patient died at 5:25 p. m., October 2d.

Case No. 3, permit No. 4844, entered Hospital October 7th, 1900, at 6:05 p. m. Mother, who accompanied child, stated that the patient had been vaccinated on the 15th of September. She said her arm seemed to be doing nicely until October 7th, when the vaccination wound became sore. She stated that the little patient had been complaining of sore throat and stiffness in the back of the neck and inability to open her mouth. When the child entered the Hospital the muscles of the neck were in tonic contraction and jaw fixed. Examination of the wound showed slight inflammatory area immediately beyond the border of the wound. Movement of the arm was painful. Examination of the axilla showed the glands to be enlarged and painful to the touch. Bacteriological examination of the swabbed specimen of the throat did not show the presence of Kleb's Loeffler bacillus. Urinalysis specific gravity 1022, straw color, acid, clear, no sugar or albumin. Treatment consisted of injections of 30 drops of a 10 per cent. solution of carbolic acid every half hour, several injections of 10 c. c. each of antitoxic serum, antispasmodics and stimulants. Patient died in convulsions at 1:05 p. m., October 8th.

Case No. 4, permit No. 8187, entered Hospital February 28th, 1901, with the history of having stepped on a nail six days prior to entering. Nail entered foot about one-half inch back of the root of the middle toe. Child showed symptoms of tetanus the day before entering Hospital, which rapidly became worse, so that when brought to the Hospital the muscles of the jaw were rigid, muscles of the back fixed, and body was in opposthotonos. Foot was slightly swollen. The wound was immediately cauterized with pure carbolic acid; venesection and hypodermaclysis were immediately performed. The patient died at 3:10 a. m. on the morning of the 29th, in a severe convulsion.

APPENDICITIS.

Number.	Location of Pain.	Catarrhal.	Gangrenous.	Perforation.	General Peritonitis.	Appendix Removed.	Recovery.	Immediate Cause of Death.
619	R. Iliac Region.....	No.	No.	Yes.	No.	Yes.	Yes.	
1054	R. Iliac Fossa	No.	No.	Yes.	No.	Yes.	Yes.	
1782	McBurney's Point..	No.	No.	Yes.	No.	Yes.	Yes.	
2182	McBurney's Point..	Yes.	No.	No.	No.	Yes.	Yes.	
2363	McBurney's Point..	Yes.	No.	No.	No.	No.	Yes.	
4718	McBurney's Point..	No.	Yes.	Yes.	No.	No.	Yes.	
5249	Entire abdomen	No.	Yes.	Yes.	Yes.	Yes.	No.	General Peritonitis.
5523	R. Iliac Region	No.	Yes.	No.	No.	Yes.	Yes.	
6059	McBurney's Point..	No.	Yes.	Yes	No.	Yes.	Yes.	
6534	McBurney's Point..	Yes	No.	No.	No.	Yes.	Yes.	
6788	R. Iliac Region.....	Yes.	No.	No.	No.	Yes.	Yes.	
6962	McBurney's Point..	Yes.	No.	No.	No.	Yes.	Yes	
7710	McBurney's Point..	Yes.	No.	Yes.	No.	Yes.	Yes.	
1976	McBurney's Point..	No.	Yes.	Yes.	Yes.	No.	No.	General Pur. Peritonitis.
2831	Entire abdomen	No.	No.	No.	Yes.	No.	No.	Miliary Tub. of Intestines.
7673	McBurney's Point..	No.	No.	Yes.	Yes.	No.	No.	General Peritonitis.
7554	McBurney's Point..	No.	No.	.....	Yes.	No.	No.	Peritonitis—Cholelithiasis.

Included in the 17 cases, diagnosed as appendicitis, were two interesting cases of general peritonitis, following perforating appendicitis. Also three interesting cases of general peritonitis, one following perforation of intestines by tubercular ulcer, another by perforation of gastric ulcer, another by infection from cholelithiasis. The last three greatly resembled, in their symptoms and signs, appendicitis and were taken as such before opening of abdominal cavity. In the first two cases, those of general peritonitis, following perforating appendicitis, the abdomen was opened and flushed and a thorough drain established by means of glass tubes and gauze; continual irrigation of abdominal cavity with normal saline solution was also resorted to. The head of the bed was elevated to favor drainage. Enemas and hypodermaclysis of normal saline solution were given,

Both patients died on account of the advanced stage of inflammation. Brief histories of the two cases are as follows: —

Case No. 1, permit No. 1,976, entered the hospital June 16th, 1900, with a history of having been sick for four days. Patient had pain over entire abdomen, most intense about the umbilicus and radiating toward McBurney's point. Patient kept thighs flexed upon the abdomen continually. Examination showed the abdomen very much distended and painful to touch, pronounced tympanitis was present. Examination through the rectum elicited a tender spot most pronounced on right side. Diagnosis of general peritonitis following perforating appendix was made and abdomen was opened in right semi-lunaris. Peritoneum was found to contain a large amount of pus and some fœcal matter. A counter opening in left semi-lunaris was made for the purpose of drainage. Agglutinated intestines were thoroughly loosened and abdominal cavity flushed with saline solution. Patient died the day following operation.

Case No. 2, Permit No. 5,249, entered hospital October 25th, 1900. Patient stated that ailment began on October 24th, with sudden griping pains in region of umbilicus. At the hospital patient complained greatly of severe pain over entire abdomen. Examination showed abdomen to be distended and muscles rigid. Palpation elicited pain over entire abdomen, no definite localized dullness. The case was immediately decided to be an operable one. Patient was, therefore, prepared and an exploratory incision made in linea alba. Peritoneal cavity was found to contain pus, which was most abundant in right iliac fossa. The appendix was found to be gangrenous and perforated. It

was removed. Abdomen was irrigated and pus removed as thoroughly as possible. A large glass drainage tube was left in the pelvis and the rest of the abdominal cavity was drained with strips of gauze. Culture taken from the pus in peritoneal cavity showed the presence of bacillus coli communis. Lived nine days after the operation but finally died. Post-mortem examination showed a mitral and tricuspid insufficiency, pericarditis, endocarditis, septic spleen, hypostatic congestion of both lungs, purulent peritonitis.

The following three histories are interesting from the fact that the patients presented symptoms and signs of appendicitis, and were diagnosed as such, until abdomen was opened: —

History No. 1 was that of a woman who entered hospital under Permit No. 7,554. She stated that she had been well up to the day before entering hospital, when she suddenly felt a pain in region of appendix. She stated that she had never been sick and had always been able to perform her household duties, had never had typhoid fever or any other disease. Inquiry was made as to any signs of jaundice, it was answered in the negative; she had never had any gastric symptoms or signs. The only complaint she had ever had was slight constipation. Inquiry into the family history revealed that mother had been operated upon for gall stones several years before. Examination of the abdomen revealed a large tumor in region of the appendix, which fluctuated. It was very painful to the touch and caused nausea on pressure. Examination through the vagina and rectum showed considerable tenderness on right side. The case was diagnosed as one of probable appendicitis and was decided to be an operable case. An incision was made in right linea semilunaris above McBurney's point. A local peritonitis was found present. The gall bladder was found markedly distended, appendix was normal. The incision was then extended upward to lower border of ribs and the gall bladder delivered into the wound. It was found to be 10 inches in length and about 3 inches in diameter. The contents, which consisted of infectious mucous and a mass of stones were removed and the entire bladder extirpated. Peritoneal cavity was mopped out and closed. Patient developed a general peritonitis 3 days after operation and died. The gall stones numbered 3493 by actual count; all were faceted and were separate and distinct stones.

History No. 2 was that of a man 21 years of age, who entered the hospital under permit No. 7,673. He staetd that he had had stomach trouble for a number of years. Patient was a typewriter and while at his work was seized with a sudden pain in right side of abdomen; this occurred two days before entering the hospital. At the hospital, patient presented all signs and symptoms of general peritonitis, probably resulting from perforating appendix. The case was decided to be an operable one. The abdomen was opened in the right linear semilunaris peritoneal cavity explored. It was found to contain a large amount of pus and lymph, which became more abundant on ascending toward the stomach. It was finally decided that a duodenal or gastric ulcer existed. Another incision was made immediately below the border of ribs and outer border of rectus muscles. On examination of stomach a large perforating ulcer was found 2 inches from pylorus. This was excised and the edges of the wound approximated by several rows of silk suture. The abdomen was flushed and drained. Patient died two days after the operation from general peritonitis. Post-mortem showed the mucous membrane of the stomach and duodenum to be thickened and hemorrhagic and the presence of a number of small ulcers, one of which had been perforated.

History No. 3 was that of a boy 16 years of age, who entered the hospital with permit No. 2,831. The patient presented symptoms and signs of general peritonitis, and since the most tenderness appeared to be in region of right iliac fossa, it was thought to be due to a perforating appendix. He was unconscious and could not give any history as to his condition. The case was considered a proper one for operation and he was, therefore, ordered prepared. Patient, however, died before preparations could be completed.

Post-mortem showed a general peritonitis following a perforating tubercular ulcer, located near the appendix.

ERYSIPELAS.

Number.	Location and Source of Infection.	Complications.	Recovery.	Death.	Immediate Cause of Death.
38	Face.	Yes.	Yes.	.....	
116	Face.	Yes	No.	Yes.	Uræmia.
132	Face.	No.	Yes.	.....	
319	Wound of Head.	No.	Yes.	.....	
346	Face.	Yes.	.....	.....	Erysipelas—Broncho-Pneumonia.
424	Face.	No.	Yes.	.....	
458	Face.	No.	Yes.	.....	
521	Forehead.	No.	Yes.	.....	
533	Face.	Yes.	Yes.	.....	
572	Ulcer of Leg.	No.	Yes.	.....	
615	Face.	Yes.	.....	Yes.	Alcoholism—Erysipelas.
608	Face.	No.	Yes.	.....	
618	Face.	Yes.	Yes.	.....	
690	Face.	Yes.	Yes.	.....	
726	Face.	No.	Yes.	.....	
926	Face.	No.	Yes.	.....	
945	Face.	No.	Yes.	.....	
991	Face.	No.	Yes.	.....	
992	Face.	No.	Yes.	.....	
1187	Face.	No.	Yes.	.....	
1328	Face.	No.	Yes.	.....	
1341	Face.	No.	Yes.	.....	
1455	Scalp.	No.	Yes.	.....	
1474	Arm.	No.	Yes.	.....	
1520	Face.	No.	Yes.	.....	
1670	Arm.	No.	Yes.	.....	
1728	Face.	No.	Yes.	.....	
1977	Face.	No.	Yes.	.....	
2387	Face.	No.	Yes.	.....	
2742	Face.	No.	Yes	.....	
2845	Face.	No.	Yes.	.....	
2963	Face.	No	Yes.	.....	
2929	Face.	No.	Yes.	.....	
4252	Face.	No.	Yes.	.....	
4610	Abdomen.	No.	Yes.	.....	
4784	Face.	No.	Yes.	.....	
5127	Face.	Yes.	.....	Yes.	Erysipelas and Nephritis.
5668	Face.	No.	Yes.	.....	
5504	Bubo.	No.	.....	Yes.	Erysipelas.
5600	Face.	Yes.	Yes.		
5121	Face.	No.	.....	Yes.	Erysipelas and Nephritis.
5652	Face.	No.	Yes.	.....	
5823	Wound of Thigh.	No.	.....	Yes.	Erysipelas.
5835	Face.	No.	Yes.	.....	
5887	Face.	No.	Yes.	.....	
5925	Thigh.	No.	Yes.	.....	
5927	Face.	No.	Yes.	.....	
5971	Face.	No.	Yes.	.....	
6002	Face.	No.	Yes.	.....	
6024	Scalp Wound.	No.	Yes.	.....	
6387	Neck.	No.	.....	Yes.	Erysipelas.
6568	Scalp Wound.	No.	.....	Yes.	Erysipelas.
7068	Leg.	No.	Yes.	.....	
7273	Face.	No.	Yes.	.....	
7279	Face.	No.	Yes.	.....	
7814	Face.	No.	Yes.	.....	
7350	Cont. Cheek.	No.	Yes.	.....	
7377	Face.	Yes.	Yes.	.....	
7533	Face.	No.	Yes.	.....	
7571	Scrotum.	No.	Yes.	.....	
7583	Wound of Ankle.	No.	Yes.	.....	
7584	Wound of Ankle.	Yes.	.....	Yes.	Alcoholism and Erysipelas.
7587	?	No.	Yes.	.....	
7665	Face.	Yes.	Yes.	.....	
7747	Wound of Foot.	No.	.....	Yes.	Erysipelas.
7787	Face.	Yes.	.....	Yes.	Nephritis and Erysipelas.
7795	Face.	No.	Yes.	.....	
7843	Knee.	No.	Yes.	.....	
7963	Face.	Yes.	Yes.	.....	
8028	Face.	Yes.	.....	Yes.	Erysipelas.
8099	Thigh.	No.	Yes.	.....	
8242	Face.	Yes.	Yes.	.....	
8405		No.	Yes.	.....	
8431	Face.	No.	Yes.	.....	
8572	Face.	No.	.....	Yes.	Erysipelas and Nephritis.
8529	Face.	No.	Yes.	.....	
8530	Face.	No.	Yes.	.....	
8619	Face.	No	.....	Yes.	Erysipelas.
8683	Face.	No.	Yes.	.....	
8707	Face.	No.	Yes.	.....	
8730	Face.	No.	.....	Yes.	Erysipelas.
8761	Face.	No	Yes.	.....	
8835	Face.	Yes.	Yes.	.....	
8855	Face.	No.	Yes.	.....	
8887	Leg.	Yes.	Yes.	.....	

During the past year 85 cases of erysipelas were treated, with 16 deaths and 69 recoveries.

PUERPERAL SEPTICAEMIA.

Number.	Location and Source of Infection.	Recovery.	Death.	Immediate Cause of Death.
389	Uterus and vagina	Yes.		
716	Uterus	Yes.		
742	Uterus		Yes.	Puerperal septicaemia.
2703	Retained placenta		Yes.	Puerperal septicaemia.
3159	Uterus and pelvic abcess	Yes.		
4678	Uterus	Yes.		
4935	Lacerated perineum	Yes.		
4955	Uterus	Yes.		
5087	Pus tubes		Yes.	Peritonitis.
5665	Uterus	Yes.		
6074	Uterus	Yes.		
6083	Uterus	Yes.		
6259	Ruptured uterus	Yes.		
7660	Laceration of cervix	Yes.		

In the treatment of puerperal septicaemia during the past year, the use of anti-streptococcus serum was entirely abandoned and hypodermaclysis of normal saline solution and stimulants, used instead. One of the cases in which this treatment was extensively used, and with success, was that of a patient who entered the hospital December 11th, 1900, with a rupture of uterus.

History:—

Permit No. 6259. Patient stated that she had experienced an uneventful pregnancy until her labor pains began. Stated that the membranes ruptured about 15 days prior to entering the hospital. A physician was called in at that time, who attempted to deliver the child with forceps under an anæsthetic. Chloroform was administered almost continuously for 12 hours and repeated attempts at delivery made. The physician finally abandoned the case and a second physician was sent for, who, after an examination, made an incision in the posterior portion of the cervix to the extent of two inches and then delivered the child with forceps. During the delivery, cervix and posterior walls of vagina were lacerated, the tear extending into bowel. According to statement of physician, the placenta was then removed with the hand, and after its removal, coils of intestines were noticed in the uterus. Further examination showed a large rupture in anterior wall of uterus. Temperature remained normal for a number of days, and nothing was done in the way of an operation.

When the patient entered the hospital about 13 days after delivery, she had a temperature of 101.6, pulse 128, respiration 36. Examination of uterus revealed presence of blood clots and rupture of anterior wall of uterus. The tears in the perineum and cervix were suppurating. Patient was pale, emaciated and almost pulseless. Abdomen tympanitic and painful to the touch, bowels constipated. Examination of other organs showed nothing abnormal. Urine showed no albumin or casts. Examination of blood for plasmodium, negative; Widal's reaction, negative.

The treatment consisted of enemas for the relief of constipation, hypodermaclysis of salt solution was given three times a day for a number of days and plenty of whisky administered. Patient run a septic temperature for two weeks and then gradually improved. Had completely recovered four weeks after entering hospital.

A SUMMARY OF POST-MORTEMS — MADE FROM APRIL 1ST, 1900, TO APRIL 1ST, 1901.

ANTE-MORTEM AND POST-MORTEM DIAGNOSIS.

No. 9357. Clinical Diagnosis, Most Pronounced Disease, Pericarditis.
Post-mortem Diagnosis, Fibrinous Pneumonia, Fibrinous Pericarditis, Diffuse Nephritis, Entero-Colitis.

No. 9522. Clinical Diagnosis, Croupous Pneumonia.
Post-mortem Diagnosis, Myocarditis, Lobar Pneumonia, Acute Parenchymatous Nephritis, Chronic Interstitial Hepatitis.

No. 9533. Clinical Diagnosis, Croupous Pneumonia.
Post-mortem Diagnosis, Croupous Pneumonia, Acute Toxic Parenchymatous Nephritis, Acute Dilatation of Right Heart.

No. 8969. Clinical Diagnosis, Phthisis Pulmonalis, Chronic Gastritis.
Post-mortem Diagnosis, Tubercular Enteritis, Tubercular Pneumonia, Myocarditis, Fatty Degeneration of Liver, Interstitial Nephritis.

No. 22. Clinical Diagnosis, Croupous Pneumonia.
Post-mortem Diagnosis, Tubercular Pneumonia, Acute Dilatation of Heart, Endocarditis, Chronic Parenchymatous Nephritis, Chronic Pleuritis.

No. 26. Clinical Diagnosis, Croupous Pneumona.
Post-mortem Diagnosis, Croupous Pneumonia, Chronic Pleuritis, Chronic Parenchymatous Nephritis, Interstitial Myocarditis, Mitral Stenosis, Endocarditis.

No. 46. Clinical Diagnosis, Diffuse Nephritis.
Post-mortem Diagnosis, Croupous Pneumonia, Fatty Degeneration of Heart, Fatty Degeneration of Liver.

No. 31. Clinical Diagnosis, Phthisis Pulmonalis.
Post-mortem Diagnosis, Myocarditis, Chronic Parenchymatous Nephritis, Fatty Degeneration of Liver, Fatty Degeneration of Heart, Tuberculosis of Lungs.

No. 9505. Clinical Diagnosis, Chronic Parenchymatous Nephritis.
Post-mortem Diagnosis, Dilatation Right Heart, Resolving Pneumonia, Fatty Degeneration of Liver, Cerebral Hemorrhage, Chronic Parenchymatous Nephritis.

No. 9474. Clinical Diagnosis, Croupous Pneumonia.
Post-mortem Diagnosis, Croupous Pneumonia, Acute Parenchymatous Nephritis, Acute Dilatation of Heart.

No. 9408. Clinical Diagnosis, Cerebral Hemorrhage.
Post-mortem Diagnosis, Diffuse Nephritis, Brown Atrophy of Lung. Cerebral Hemorrhage.

No. 185. Clinical Diagnosis, Acute Lobar Pneumonia.
Post-mortem Diagnosis, Toxic Nephritis, Hepatitis, Dilated Right Heart.

No. 191. Clinical Diagnosis, Croupous Pneumonia.
Post-mortem Diagnosis, Croupous Pneumonia, Chronic Parenchymatous Nephritis, Myocarditis, Endocarditis, Cirrhosis Hepatitis.

No. 196. Clinical Diagnosis, Pericarditis.
Post-mortem Diagnosis, Acute Myocarditis, Acute Pericarditis, Chronic Parenchymatous Nephritis, Acute Dilatation of Heart, Hydrothorax, Oedema of Lungs, Interstitial Hepatitis.

No. 9445. Clinical Diagnosis, Pneumonia.
Post-mortem Diagnosis, Acute Myocarditis, Peri- and Endocarditis, Broncho-Pneumonia, Chronic Diffuse Nephritis, Septic Spleen, Cirrhosis of Liver.

No. 222. Clinical Diagnosis, Croupous Pneumonia.
Post-mortem Diagnosis, Resolving Pneumonia, Oedema of Lungs, Parenchymatous Toxic Nephritis.

No. 9359. Clinical Diagnosis, Meningeal Disturbance(?).
Post-mortem Diagnosis, Miliary Tuberculosis Lungs, Miliary Tuberculosis Liver, Miliary Tuberculosis Kidney, Miliary Tuberculosis Meninges.

No. 114. Clinical Diagnosis, Mitral Insufficiency.
Post-mortem Diagnosis, Chronic Myocarditis, Relative Mitral Insufficiency, Hypertrophy of Heart, Brown Induration of Lungs, Cyanotic Kidney.

No. 129. Clinical Diagnosis, Croupous Pneumonia.
Post-mortem Diagnosis, Croupous Pneumonia, Toxic Nephritis, Endocarditis, Parenchymatous Hepatitis.

No. 9197. Clinical Diagnosis, Cerebral Embolus.
Post-mortem Diagnosis, Encephalo Malacia, Myocarditis, Emphysema of Lung.

No. 264. Clinical Diagnosis, Croupous Pneumonia.
Post-mortem Diagnosis, Croupous Pneumonia, Chronic Diffuse Nephritis, Pericarditis, Pleurisy with Effusion, Fatty Degeneration of Liver.

No. 8648. Clinical Diagnosis, Phthisis Pulmonalis.
Post-mortem Diagnosis, Phthisis Pulmonalis, Chronic Diffuse Nephritis, Pericarditis, Tubercular Enteritis, Interstitial Hepatitis.

No. 146. Clinical Diagnosis, Aneurism.
Post-mortem Diagnosis, Abdominal, Aortic Aneurism, Pericarditis, with Effusion, Arterio Sclerosis.

No. 179. Clinical Diagnosis, Acute Lobar Pneumonia.
Post-mortem Diagnosis, Pleuro-Pneumonia, Toxic Nephritis, Septic Spleen.

No. 193. Clinical Diagnosis, Acute Lobar Pneumonia.
Post-mortem diagnosis, Croupous Pneumonia, Chronic Parenchymatous Nephritis, Parenchymatous Hepatitis, Septic Spleen.

No. 219. Clinical Diagnosis, Croupous Pneumonia.
Post-mortem diagnosis, Croupous Pneumonia, Chronic Parenchymatous Nephritis, Parenchymatous Hepatitis.

No. 306. Clinical Diagnosis, Phthisis Pulmonalis.
Post-mortem Diagnosis, Phthisis Pulmonalis, Interstitial Hepatitis, Chronic Diffuse Nephritis.

No. 343. Clinical Diagnosis, Croupous Pneumonia.
Post-mortem Diagnosis, Croupous Pneumonia, Chronic Diffuse Nephritis, Interstitial Hepatitis.

No. 7479. Clinical Diagnosis, Malaria, Toxic Nephritis.
Post-mortem Diagnosis, Phthisis Pulmonalis, Lobar Pneumonia, Tubercular Enteritis, Interstitial Hepatitis, Interstitial Nephritis.

No. 326. Clinical Diagnosis. Cerebral Hemorrhage.
Post-mortem Diagnosis, Cerebral Hemorrhage, Tubercular Broncho-Pneumonia, Interstitial Splenitis, Arterio Sclerosis.

No. 210. Clinical Diagnosis, Malaria, Nephritis.
Post-mortem Diagnosis, Purulent Peritonitis, Pleurisy et Pericarditis with Effusion, Interstitial Nephritis, Interstitial Hepatitis, Interstitial Splenitis, Mitral Stenosis, Mitral Insufficiency.

No. 183. Clinical Diagnosis, Lobar Pneumonia, and Typhoid Fever.
Post-mortem Diagnosis, Interstitial Tubercular Pneumonia, Dilatation of Right Heart, Cyanotic Kidney, Hemorrhage Enteritis (Typhoid).

No. 8066. Clinical Diagnosis, Phthisis Pulmonalis.
Post-mortem Diagnosis, Phthisis Pulmonalis, Dilatation Right Heart, Myocarditis, Cyanotic Induration of Kidney and Liver.

No. 660. Clinical Diagnosis, Acute Lobar Pneumonia.
Post-mortem Diagnosis, Purulent Pericarditis, Pleuritis Dextra, Relative Insufficiency of Tricuspid Valve, Hypertrophy and Dilatation of Both Ventricular Walls.

No. 846. Clinical Diagnosis, Erysipelas.
Post-mortem Diagnosis, Erysipelas, Pericarditis, Septicaemia.

No. 496. Clinical Diagnosis, Phthisis Pulmonalis.
Post-mortem Diagnosis, Phthisis Pulmonalis, Tubercular Enteritis, Pericarditis with Effusion, Chronic Diffuse Nephritis.

No. 9494. Clinical Diagnosis, Phthisis Pulmonalis.
Post-mortem Diagnosis, Phthisis Pulmonalis, Chronic Diffuse Nephritis, Brown Atrophy of Liver, Chronic Pericarditis, Tubercular Enteritis.

No. 539. Clinical Diagnosis. (?)
Post-mortem Diagnosis, Chronic Diffuse Nephritis, Terminal Pneumonia.

No. 9148. Clinical Diagnosis, Phthisis Pulmonalis.
Post-mortem Diagnosis, Acute Dilatation of Heart, Central Atrophy of Liver, Tubercular Pneumonia.

No. 660. Clinical Diagnosis, Diabetes.
Post-mortem Diagnosis, Myocarditis, Chronic Diffuse Nephritis, Interstitial Splenitis, Interstitial Hepatitis, Ascitis, Hydro-Pericardium.

No. 644. Clinical Diagnosis, Phthisis Pulmonalis.
Post-mortem Diagnosis, Phthisis Pulmonalis, Tubercular Enteritis, Tubercular Laryngitis, Chronic Parenchymatous Nephritis, Hypertrophy and Dilatation of Heart.

No. 637. Clinical Diagnosis, Acute Lobar Pneumonia.
Post-mortem Diagnosis, Acute Lobar Pneumonia, Dilatation of heart.

No. 500. Clinical Diagnosis, (?)
Post-mortem Diagnosis, General Sarcomatosis, Microscopical examination shows it to be a small round cell sarcoma.

No. 8043. Clinical Diagnosis, Nephritis.
Post-mortem Diagnosis, Chronic Interstitial Nephritis, Myocarditis, Interstitial Hepatitis, Septic Spleen.

No. 9465. Clinical Diagnosis, Atrophic Cirrhosis of Liver.
Post-mortem Diagnosis, Myocarditis, Acute Dilatation of Heart, Diffuse Nephritis, Pleurisy with Effusion, Interstitial Hepatitis.

No. 468. Clinical Diagnosis, Lobar Pneumonia, Senility, Ephysema.
Post-mortem Diagnosis, Croupous Pneumonia, Interstitial Nephritis, Cirrhosis of Liver.

No. 668. Clinical Diagnosis, Pneumonia.
Post-mortem Diagnosis, Pneumonia, Chronic Diffuse Nephritis, Oedema of Lungs.

No. 550. Clinical Diagnosis, Pneumonia.
Post-mortem Diagnosis, Broncho-Pneumonia, Hypertrophy of Prostate, Suppurative Nephritis, Septic Spleen, Urinary Infiltration.

No. 542. Clinical Diagnosis, Phthisis Pulmonalis, Acute Lobar Pneumonia.
Post-mortem Diagnosis, Croupous Pneumonia, Toxic Nephritis, Hepatitis, Phthisis Pulmonalis.

No. 607. Clinical Diagnosis, Mitral Insufficiency, Chronic Parenchymatous Nephritis.
Post-mortem Diagnosis, Diffuse Nephritis, Hypertrophy and Dilatation of Heart, Brown Induration of Lungs, Cirrhosis of Liver.

No. 9303. Clinical Diagnosis, Croupous Pneumonia.
Post-mortem Diagnosis, Croupous Pneumonia, Nephritis.

No. 670. Clinical Diagnosis, Lobar Pneumonia.
Post-mortem Diagnosis, Lobar Pneumonia, Purulent Pericarditis.

No. 787. Clinical Diagnosis, Rubeola.
Post-mortem Diagnosis, Purulent Pericarditis, Myocarditis, Dilatation of Heart, Toxic Parenchymatous Nephritis.

No. 832. Clinical Diagnosis, Phthisis Pulmonalis.
Post-mortem Diagnosis, Phthisis Pulmonalis, Peri Bronchitis Casiosa, Tubercular Pneumonia, Hypertrophy and Dilatation of Heart, Tricuspid Insufficiency, Diffuse Nephritis, Emphysema of Lungs, Hemorrhagic Pleuritis.

No. 299. Clinical Diagnosis, Phthisis Pulmonalis.
Post-mortem Diagnosis, Phthisis Pulmonalis, Hytrophic Cirrhosis of Liver, Chronic Gastritis, Fatty Degeneration of Liver, Pericarditis.

No. 692. Clinical Diagnosis, Pneumonia, Pericarditis, Nephritis.
Post-mortem Diagnosis, Croupous Pneumonia, Diffuse Nephritis, Fatty Liver.

No. 8967. Clinical Diagnosis, Phthisis Pulmonalis.
Post-mortem Diagnosis, Phthisis Pulmonalis, Pleurisy, Pericarditis with effusion.

No. 294. Clinical Diagnosis, Aneurism of Thoracic Aorta.
Post-mortem Diagnosis, Dilatation and Hypertrophy of Heart, Chronic Insterstitial Nephritis, Atrophic Cirrhosis of Liver, Cystic Kidney.

No. 866. Clinical Diagnosis, Croupous Pneumonia.
Post-mortem Diagnosis, Lobar Pneumonia, Cystic Kidney, Parenchymatous Nephritis, Splenitis.

No. 874. Clinical Diagnosis, Senile Dementia.
Post-mortem Diagnosis, Cystitis Hemorrhagica, Interstitial Nephritis.

No. 1020. Clinical Diagnosis, Chronic Prostitis, Mitral and Aortic Insufficiency, Nephritis.
Post-mortem Diagnosis, Chronic Prostitis, Cystitis, Mitral and Aortic Insufficiency, Parenchymatous Nephritis, Chronic Splenitis.

No. 289. Clinical Diagnosis, Aortic Insufficiency.
Post-mortem Diagnosis, Mitral and Aortic Insufficiency, Cardiac Hypertrophy, Dilatation of Left Ventricle, Aneurism and Dilatation of Aorta, with Chronic Arthritis Deformens.

No. 875. Clinical Diagnosis, Intestinal Obstruction.
Post-mortem Diagnosis, Chronic Adhesive Peritonitis (Tubercular.)

No. 649. Clinical Diagnosis, Phthisis Pulmonalis.
Post-mortem Diagnosis, Phthisis Pulmonalis, Interstitial Nephritis.

No. 1023. Clinical Diagnosis, Lobar Pneumonia.
Post-mortem Diagnosis, Lobar Pneumonia, Pericarditis, Fibrosa, Pleuritis Adherens, Interstitial Nephritis, Splenitis, Fatty Liver.

No. 1144. Clinical Diagnosis, Uræmia.
Post-mortem Diagnosis, Dilatation of Heart, Aortic Stenosis and Insufficiency, Emphysema, Hypostasis of Lung, Atrophic Splenitis, Nephritis Interstitial, Arterio Sclerosis.

No. 1212. Clinical Diagnosis, Oedema of Brain (Alcoholic).
Post-mortem Diagnosis, Fatty Degeneration of Liver, Fatty Degeneration of Heart, Mitral Insufficiency, Emphysema of Lungs.

No. 1171. Clinical Diagnosis, Croupous Pneumonia, Interstitial Nephritis.
Post-mortem Diagnosis, Chronic Diffuse Nephritis, Hypertrophy Left Heart, Chronic Muco-Purulent Bronchitis.

No. 1308. Clinical Diagnosis, Croupous Pneumonia, Interstitial Nephritis.
Post-mortem Diagnosis, Parenchymatous Nephritis, Infarct Lungs, Pericarditis purulenta, Pleurisy with Effusion, Atrophic Cirrhosis of Liver.

No. 1274. Clinical Diagnosis, Hypertrophy Prostate, Mitral Insufficiency.
Post-mortem Diagnosis, Hypertrophy of Prostate, Pleuritis fibrosa, Hypertrophy and Dilatation Left Ventricle, Chronica Endarteritis deformens, Emphysema of Lung, Hypostatis of Lung, Interstitial Nephritis.

No. 1070. Clinical Diagnosis, Alcoholic Meningitis.
Post-mortem Diagnosis, Meningitis, Parenchymatous Nephritis, Cystitis, Tuberculosis of Kidney, Cystic Ovaries, Cirrhosis of Liver.

No. 1843. Clinical Diagnosis, Pyelo Nephritis.
Post-mortem Diagnosis, Hypertrophic Prostatitis, Cystitis, hemorrhagica, Nephritis, Parenchymatous, Pyelo Nephritis, Pleuritis, Pericarditis, hemorrhagica purulens.

No. 944. Clinical Diagnosis, Aortic Insufficiency.
Post-mortem Diagnosis, Chronic Parenchymatous Nephritis, Hypertrophy and Dilatation of Heart, Fatty Degeneration of Heart, Mitral and Tricuspid Insufficiency, Fibrinous Pericarditis, Brown Induration of Lungs, Oedema of Lungs.

No. 1015. Clinical Diagnosis, Parenchymatous Nephritis.
Post-mortem Diagnosis, Croupous Pneumonia, Oedema of Lungs, Pleuritis, Pericarditis adherens, Pulmonary infarct, Dilatation of Aorta, Aortic Insufficiency.

No. 1467. Clinical Diagnosis, Lobar Pneumonia.
Post-mortem Diagnosis, Lobar Pneumonia, Aneurism Ascending Aorta, Hydrathorax, right cavity, Hypertrophy of Prostate.

No. 1138. Clinical Diagnosis, Cerebral Hemorrhage.
Post-mortem Diagnosis, Emphysema of Lungs, Oedema of Brain, Ulcerative Colitis, Cystitis.

No. 983. Clinical Diagnosis, Typhoid Fever.
Post-mortem Diagnosis, Typhoid Fever, Anaemia, Fatty Liver.

No. 1732. Clinical Diagnosis, Chorea.
Post-mortem Diagnosis, Myocarditis, Parenchymatous Nephritis, Oedema of Brain.

No. 9199. Clinical Diagnosis, Chronic Interstitial Nephritis.
Post-mortem Diagnosis, Hypertrophy and Dilatation of Both Ventricles, Mitral and Tricuspid Insufficiency, Fatty Degeneration of Heart, Chronic Pleurisy, Chronic Diffuse Nephritis, Cirrhosis of Liver.

No. 1878. Clinical Diagnosis, Phthisis Pulmonalis.
Post-mortem Diagnosis, Sero-purulent Pleurisy, Broncho Pneumonia, Fatty Degeneration of Heart, General Peritonitis, Chronic Parenchymatous Nephritis, Enteritis, Chronic Endometritis, Chronic Salpingitis.

No. 1809. Clinical Diagnosis, Acute Intoxication.
Post-mortem Diagnosis, Mitral and Tricuspid Insufficiency, Dilatation Both Ventricles, Fatty Degeneration of Heart, Chronic Pleurisy, Hypertrophy of Spleen Pulp, Toxic Nephritis, Parenchymatous Hepatitis, Gastro Enteritis.

No. 1831. Clinical Diagnosis, Tubercular Peritonitis.
Post-mortem Diagnosis, Left Pyosalpinx, Chronic Fibrinous Peritonitis, Intestinal Obstruction, Ulcerative Colitis, Acute Parenchymatous Nephritis.

No. 7822. Clinical Diagnosis, Nephritis.
Post-mortem Diagnosis, Brown Atrophy of Heart, Phthisis Pulmonalis, Acute Nephritis, Central Atrophy of Liver.

No. 1855. Clinical Diagnosis, Phthisis Pulmonalis.
Post-mortem Diagnosis, Phthisis Pulmonalis, Tuberculosis of Mesentery Glands, Central Hepatitis, Chronic Parenchymatous Nephritis.

No. 1709. Clinical Diagnosis, Interstitial Nephritis and Typhoid Fever.
Post-mortem Diagnosis, Fatty Degeneration of Heart, Endocarditis, Chronic Fibrous Pleurisy, Tuberculosis of Lungs, Ulcerations of Large and Small Intestines, Chronic Diffuse Nephritis, Miliary Tuberculosis of Peritoneum, Lepto Meningitis.

No. 1944. Clinical Diagnosis, Chronic Nephritis.
Post-mortem Diagnosis, Hypertrophy and Dilatation Both Ventricles, Central Atrophy of Liver, Hydrops of Peritoneum, Pleura and Pericardium.

No. 1928. Clinical Diagnosis, Alcoholic Neuritis.
Post-mortem Diagnosis, Fatty Metamorphosis of Heart Muscle, Parenchymatous Myocarditis, Dilatation of Both Ventricles, Relative Mitral Insufficiency, Brown Induration of Both Lungs, Septic Spleen, Cirrhosis of Liver, Gall Stones, Oedema of Brain.

No. 2072. Clinical Diagnosis, Obstruction of Bowel.
Post-mortem Diagnosis, Chronic Endocarditis, Enteritis.

No. 1945. Clinical Diagnosis, Chronic Interstitial Nephritis.
Post-mortem Diagnosis, Chronic Interstitial Nephritis, Hydrosalpinx, Carcinoma of Rectum.

No. 2031. Clinical Diagnosis, Entero Colitis.
Post-mortem Diagnosis, Chronic Fibrinous Pericarditis, Intestinal Ulceration, Myocarditis, Chronic Parenchymatous Nephritis, General Purulent Peritonitis.

No. 6758. Clinical Diagnosis, Aneurism Subclavian Artery.
Post-mortem Diagnosis, Aneurism Subclavian Artery, Arterio Sclerosis, Chronic Diffuse Nephritis, Lepto Meningitis.

No. 1802. Clinical Diagnosis, Carcinoma Oseophagus.
Post-mortem Diagnosis, Myocarditis, Carcinoma Oesophagus, Chronic Interstitial Nephritis, Peri-Splenitis, Gall Stones.

No. 1904. Clinical Diagnosis, Intestinal Obstruction.
Post-mortem Diagnosis, Endocarditis, Fatty Degeneration of Heart, Atheroma of Arteries, Miliary Tuberculosis of Lungs, Broncho Pneumonia, Chronic Diffuse Nephritis, Chronic Pleurisy, Chronic Gastro Entero Colitis, Ulceration of Intestines (Tubercular).

No. 1229. Clinical Diagnosis, Carcinoma of Nose.
Post-mortem Diagnosis, Carcinoma of Nose, Dilatation and Hypertrophy of Heart, Chronic Parenchymatous Nephritis, Chronic Gastritis, White Infarct of Spleen.

No. 5432. Clinical Diagnosis, Phagodenic Chancroid.
Post-mortem Diagnosis, Phagodenic Ulceration of Skin of Abdomen, Phlebitis of Left Iliac and Femoral Vein, Thrombosis, Parenchymatous Myocarditis, Parenchymatous Nephritis, Amaloid Spleen.

No. 2090. Clinical Diagnosis, Alcoholism.
Post-mortem Diagnosis, Fatty Degeneration of Heart, Endocarditis, Emphysema and Oedema and Atalectasis of Lungs, Hypertrophy of Spleen Pulp, Hypertrophic Cirrhosis of Liver, Chronic Gastro Enteritis, Lepto Meningitis.

No. 2068. Clinical Diagnosis, Alcoholism.
Post-mortem Diagnosis, Parenchymatous Myocarditis, Oedema of Lungs, Atheroma of Aorta, Parenchymatous Hepatitis, Hyperplasia of Spleen, Chronic Diffuse Nephritis.

No. 5053. Clinical Diagnosis, Apoplexy.
Post-mortem Diagnosis, Tumor Left Lateral Ventricle, Oedema Cerebrum and Cerebellum.

No. 2277. Clinical Diagnosis, Gastro Enteritis.
Post-mortem Diagnosis, Chronic Gastro Enteritis, Dilatation of Right Ventricle, Relative Insufficiency Mitral Orifice.

No. 2032. Clinical Diagnosis, Chronic Nephritis.
Post-mortem Diagnosis, Total Synechia Pericardial Sac, Mitral Insufficiency, Parenchymatous Myocarditis, with Fatty Infiltration, Dilatation Right Ventricle, Chronic Endoaortitis Deformens, Interstitial Pneumonia, Chronic Parenchymatous Nephritis, Chronic Peri and Parenchymatous Hepatitis.

No. 2280. Clinical Diagnosis, Phthisis Pulmonalis.
Post-mortem Diagnosis, Croupous Pneumonia, Proctatitis, Prostatitis, Dilatation and Hypertrophy Bladder, Dilatation of Both Ureters, Pelvis and Calices, Pylo Nephritis, Miliary Abscess of Kidney.

No. 9121. Clinical Diagnosis, Morphinism.
Post-mortem Diagnosis, Mitral Insufficiency, Dilatation and Fatty Degeneration Heart, Chronic Endocarditis, Emphysema of Lungs, Amaloid Degeneration of Spleen, Chronic Diffuse Nephritis, Amaloid Changes of Liver, Chronic Enteritis, Ulcerative Colitis.

No. 1720. Clinical Diagnosis, Aneurism Abdominal Aorta.
Post-mortem Diagnosis, Aneurism Abdominal Aorta, Mitral and Tricuspid Insufficiency, Dilatation of Heart, Marginal Emphysema, Hyperplasia of Pulp of Spleen, Parenchymatous Nephritis, Endoaortitis Chronica Deformens, Chronic Interstitial Nephritis.

No. 2248. Clinical Diagnosis, Alcoholism.
Post-mortem Diagnosis, Mitral Insufficiency, Chronic Parenchymatous Myocarditis, Endocarditis, Endoaortitis Chronica Deformens, Pulmonary Oedema, Chronic Parenchymatous Nephritis, Fatty Filtration of Liver.

No. 2356. Clinical Diagnosis, Asthma.
Post-mortem Diagnosis, Dilatation Left Ventricle, Tricuspid Insufficiency, Endocarditis and Fatty Infiltration, Brown Atrophy of Heart, Endoaortitis Chronica Deformens, Slaty Induration of Lungs, Emphysema of Lungs, Senile Atrophy of Spleen, Chronic Diffuse Nephritis, Central Atrophy of Liver, Chronic Enteritis.

No. 2344. Clinical Diagnosis, Appendicitis and Thyphoid Fever. (?)
Post mortem Diagnosis, Tricuspid and Mitral Insufficiency, Fatty Infiltration and Degeneration Heart, Emphysema and Atalectasis of Both Lungs, Broncho-Pneumonia Right Lung, Septic Spleen, Chronic Diffuse Nephritis, Parenchymatous Hepatitis, Enlargement and Ulceration Pyer's Patches.

No. 2269. Clinical Diagnosis, Dysentery.
Post-mortem Diagnosis, Mitral and Tricuspid Insufficiency, Fatty Degeneration of Heart, Brown Induration of Lungs, Atalectasis and Emphysema of Lungs, Chronic Diffuse Nephritis, Hypertrophic Cirrhosis of Liver, Enteritis, Dysentery, Perforation of Bowel, Appendicitis, Peritonitis.

No. 2562. Clinical Diagnosis, Cirrhosis of Liver.
Post-mortem Diagnosis, Mitral and Tricuspid Insufficiency, Fatty Infiltration and Degeneration Heart, Endocarditis, Brown Induration of Lungs, Hyperplasia of Spleen Pulp, Interstitial Nephritis, Syphilitic Globulation of Kidney, Cirrhosis of Liver.

No. 2591. Clinical Diagnosis, Intestinal Perforations.
Post-mortem Diagnosis, Myocarditis, Atalectasis and Emphysema of Lungs, Parenchymatous Nephritis, Hepatitis, Chronic Enteritis, Intestinal Ulcerations, Perforation of Small Intestines, Purulent Peritonitis.

No. 190. Clinical Diagnosis, Carcinoma of Rectum.
Post-mortem Diagnosis, Mitral and Tricuspid Insufficiency, Endocarditis, Dilatation of Left Ventricle, Parenchymatous Myocarditis, Bronchitis and Caseous Peri-Bronchitis, Emphysema and Atalectasis of Lungs, Cavity Formation, Localized Pleuritis, Hyperplasia of Spleen Pulp, Chronic Diffuse Nephritis, Central Atrophy and Parenchymatous Hepatitis, Chronic Enteritis Hemorrhagica.

No. 2400. Clinical Diagnosis, Cerebral Emboli.
Post-mortem Diagnosis, Mitral and Tricuspid Insufficiency, Endocarditis, Dilatation of Both Ventricles, Parenchymatous Myocarditis, Fatty Degeneration of Heart, Interstitial Pneumonia, Atrophic Spleen, Chronic Diffuse Nephritis, Parenchymatous Hepatitis, Encephalo Malaria, Sclerosis of Basilar Arteries, Lepto Meningitis.

No. 2637. Clinical Diagnosis, Tubal Pregnancy.
Post-mortem Diagnosis, Mitral and Tricuspid Insufficiency, Dilatation, Hypertrophy and Myocarditis, Diffuse Nephritis, Chronic Pelvic Peritonitis, Ruptured Tubal Pregnancy, Hemorrhagic, Ovarian Cyst.

No. 2189. Clinical Diagnosis, Phthisis and Syphilis.
Post-mortem Diagnosis, Mitral and Tricuspid Insufficiency, Dilatation of Right Ventricle, Fatty Degeneration and Endocarditis, Endoarteritis, Chronica Deformens, Miliary Tuberculosis, Chronic Pleurisy, Caseous Pneumonia, Both lungs, Atrophy of Spleen, Chronic Diffuse Nephritis, Central Atrophy and Parenchymatous Hepatitis, Enteritis, Hyperplasia of Pyer's Patches, Tubercular Ulcers, Atony of Bladder.

No. 2678. Clinical Diagnosis, Placenta Prævia.
Post-mortem Diagnosis, Mitral Insufficiency, Endocarditis, Œdema-Emphysema of the lungs, Hyperplasia of Spleen Pulp, Parenchymatous Nephritis, Parenchymatous-Interstitial Hepatitis.

No. 2009. Clinical Diagnosis, Cholera Infantum.
Post-mortem Diagnosis, Catarrhal Pneumonia, Parenchymatous Nephritis, Parenchymatous Hepatitis, Entero Colitis.

No. 2614. Clinical Diagnosis, Aortic Stenosis, Aortic Insufficiency, Nephritis.
Post-mortem Diagnosis, Mitral and Tricuspid Insufficiency, Aortic Insufficiency, Dilatation Left Ventricle, Fatty Degeneration Heart Muscles, Hypertrophy Right Ventricle, Endocarditis, Arterio Sclerosis, Brown Induration and Oedema of Lungs, Atrophy of Spleen, Chronic Interstitial Nephritis, Interstitial Cirrhosis of Liver, Hemorrhagic Tracheitis and Esophagitis, Gastro Enteritis, Chronic Pachy and Lepto Meningitis.

No. 2200. Clinical Diagnosis, Apoplexy.
Post-mortem Diagnosis, Mitral and Tricuspid Insufficiency, Fatty Degeneration, Hemorrhagic Myocarditis, Endocarditis, Dilatation Right and Left Ventricle, Chronic Pleuritis, Oedema, Gangrene, Abscess of Lungs, Septic Spleen, Cyanotic Kidney, Cholelithiasis, Fatty Degeneration of Liver, Parenchymatous Hepatitis, Hemorrhagic Gastro Enteritis, Tracheitis, Chronic Pachy Meningitis, Lepto Meningitis, Acute.

No. 2389. Clinical Diagnosis, Uraemia.
Post-mortem Diagnosis, Mitral and Tricuspid Insufficiency, Endocarditis, Myocarditis, Fatty Degeneration, Arterio Sclerosis,

Dilatation Left Ventricle, Broncho Pneumonia, Emphysema, Chronic Bronchitis, Tracheitis, Oedema of Lungs, Chronic Hemorrhagic, Gastro Enteritis, Septic Spleen, Parenchymatous Hepatitis, Chronic Atrophic Nephritis, Chronic Hemorrhagic Cystitis, Chronic Pachy and Lepto Meningitis.

No. 2831. Clinical Diagnosis, Appendicitis, Peritonitis.
Post-mortem Diagnosis, Fatty Degeneration of Heart, Broncho Pneumonia, Oedema. Atelectasis and Emphysema, Hyperplasia Spleen, Chronic Parenchymatous Nephritis, Chronic Parenchymatous Hepatitis, Chronic Hemorrhagic, Atrophic, Esophago Gastro Enteritis, Chronic Lepto and Pachy Meningitis, Chronic Cystitis, Miliary Tuberculosis, Ulcerations, Enlarged Pyer's Patches, Peritonitis, Tuberculosis of Mesenteric Nodes, Chronic Pharyngo Tracheitis.

No. 2644. Clinical Diagnosis, Phthisis Pulmonum.
Post-mortem Diagnosis, Mitral and Tricuspid Insufficiency, Endocarditis, Fatty Degeneration, Arterio Sclerosis, Miliary Tuberculosis, Caseous Pneumonia, Bronchitis, Peri Bronchitis, Caseosa, Amyloid Spleen, Chronic Parenchymatous Nephritis, Central Atrophy of Liver, Chronic Atrophic Pharyngitis, Laryngo-Tracheitis, Esophagitis, Chronic Atrophic Hemorrhagic Gastritis, Ulcerative Enteritis, Miliary Tuberculosis of Peritoneum, Chronic Lepto Meningitis and Encephalitis, External Hemorrhoids.

No. 2745. Clinical Diagnosis, Mitral and Tricuspid Insufficiency.
Post-mortem Diagnosis, Myocarditis, Endocarditis, Fatty Degeneration, Brown Atrophy, Arterio Sclerosis, Chronic Pleuritis and Bronchitis, Emphysema, Old Tubercular Foci of Lungs, Senile Atrophy of Spleen, Chronic Salpingitis, Parenchymatous Hepatitis, Chronic Hemorrhagic, Atrophic, Esophego Gastro Enteritis, Chronic Atrophic Parenchymatous Nephritis, Enlarged Pyer's Patches, Chronic Pachy and Lepto Meningitis.

No. 2846. Clinical Diagnosis, Mitral and Tricuspid Insufficiency, Asthma, Aortic Stenosis.
Post-mortem Diagnosis, Hypertrophy of Heart, Dilatation, Aortic Stenosis and Insufficiency, Mitral Insufficiency, Fatty Degeneration, Myocarditis, Endocarditis, Arterio Sclerosis, Oedema, Broncho Pneumonia, Chronic Pleuritis, Atrophic Spleen, Cyanotic Kidney, Chronic Parenchymatous Nephritis, Hemorrhagic Gastro Enteritis, Fatty Infiltration Liver, Central Atrophy, Liver.

No. 2761. Clinical Diagnosis, Diffuse Nephritis, Mitral Insufficiency.
Post-mortem Diagnosis, Mitral Insufficiency, Hypertrophy and Dilatation Ventricles, Endocarditis, Fatty Degeneration, Arteric Sclerosis, Oedema of Lungs, Senile Spleen, Chronic Diffuse Nephritis, Hemorrhagic Atrophic Gastritis, Chronic Atrophic Enteritis, Chronic Pharingo Esophagitis, Bronchitis and Tracheitis, Parenchymatous Hepatitis, Lepto Meningitis.

No. 2419. Clinical Diagnosis, Phthisis Pulmonum.
Post-mortem Diagnosis, Mitral and Tricuspid Insufficiency, Hypertrophy, Both Ventricles, Miliary Tuberculosis of Lungs, Hypertrophy of Spleen, Chronic Diffuse Nephritis, Cirrhosis and Fatty Degeneration Liver, Ateric Sclerosis of Aorta, Chronic Pharyngitis and Tracheitis, Chronic Hemorrhagic Enteritis, Diffuse Fibrous Lepto Meningitis.

No. 2836. Clinical Diagnosis, Cirrhosis of Liver.
Post-mortem Diagnosis, Fatty Degeneration of Heart, Mitral and Tricuspid Insufficiency, Hypertrophy Right Ventricle, Endocarditis, Chronic Pleuritis, Hypertrophy of Spleen, Chronic Diffuse Nephritis, Chronic Hemorrhagic Gastritis, Ulcerative Proctatitis, Cystitis and Pyelitis, Cirrhosis of Liver.

No. 2328. Clinical Diagnosis, Syphilis, Cirrhosis, Hepatitis.
Post-mortem Diagnosis, Mitral and Tricuspid Insufficiency, Fatty Degeneration of Heart, Endocarditis, Broncho Pneumonia, Septic Spleen, Parenchymatous Nephritis, Choleangectasia, Central Atrophy of Liver, Chronic Gastritis, General Sclerosis, Syphilis.

No. 2026. Clinical Diagnosis, Phthisis Pulmonum.
Post-mortem Diagnosis, Mitral and Tricuspid Insufficiency, Fatty Degeneration of Heart, Endocarditis Dilatation Left Ventricle, Tuberculosis of Lungs, Fibrous Pleurisy, Miliary Tuberculosis, Septic Spleen, Chronic Hepatitis (Parenchymatous), Chronic Lepto Meningitis, Ulcerative Gastritis.

No. 1781. Clinical Diagnosis, Tuberculosis of Lungs.
Post-mortem Diagnosis, Mitral and Tricuspid Insufficiency, Endocarditis, Myocarditis, Caseous Pneumonia, Miliary Tuberculosis, Chronic Pleurisy, Oedema of Lungs, Pyelitis and Interstitial Nephritis, Fatty Degeneration of Liver, Tuberculosis of Mesenteric Lymphatic Nodes, Lepto Meningitis.

No. 3222. Clinical Diagnosis, Cerebral Embolus.
Post-mortem Diagnosis, Mitral and Tricuspid Insufficiency, Hypertrophy Left Ventricle, Atheromatous Aorta, Oedema of Lungs, Atrophy of Spleen, Chronic Interstitial Nephritis, Lepto Meningitis, Hemorrhage at Base of Brain, Acute Bronchitis.

No. 2988. Clinical Diagnosis, Asthma.
Post-mortem Diagnosis, Relative Mitral and Tricuspid Insufficiency, Myocarditis and Fatty Degeneration, Atheromatous Aorta, Brown Induration of Lungs, Diffuse Nephritis, Central Atrophy of Liver, Enlargement of Pyer's Patches.

No. 2481. Clinical Diagnosis, Nephritis.
Post-mortem Diagnosis, Abscess of Brain, Diffuse Nephritis, Hemorrhagic Gastritis, Carcinomatous Lymphangitis, Metastases in Liver, Mitral and Tricuspid Insufficiency, Tuberculosis of Apex Right Lung.

No. 3095. Clinical Diagnoris, Asthma.
Post-mortem Diagnosis, Hypertrophy of Left and Right Ventricle, Chronic Diffuse Nephritis, Right Pleuritis Deformens, Miliary Tuberculosis of Pleura Left Side.

No. 3072. Clinical Diagnosis, Tubercular Enteritis.
Post-mortem Diagnosis, Mitral and Tricuspid Insufficiency, Endocarditis, Dilatation Right Ventricle, Chronic Pleuritis, Tubercular Cicatrix, Oedema of Lungs, Parenchymatous Nephritis, Purulent Pyelitis, Perenchymatous Hepatitis, Tubercular Enteritis.

No. 3147. Clinical Diagnosis, Uraemia.
Post-mortem Diagnosis, Myocarditis, Dilatation Left Ventricle, Pylo Nephritis, Cystitis, Distended Bladder, Stricture of Urethrae.

No. 3132. Clinical Diagnosis, Pernicious Malaria.
Post-mortem Diagnosis, Mitral Insufficiency, Endocarditis, Fatty Degeneration, Hemorrhagic Myocarditis, Dilatation Left Ventricle, Oedema of Lungs, Tubercular Cicatrix of Lungs, Parenchymatous Nephritis, Septic Spleen, Chronic Pleuritis.

No. 2648. Clinical Diagnosis, Alcoholism, Delirium Tremens.
Post-mortem Diagnosis, Mitral and Tricuspid Insufficiency, Fatty Liver, Decomposition of Tissues, too far advanced to make a further post-mortem examination.

No. 3117. Clinical Diagnosis, Hemiplegia, Cerebral Hemorrhage.
Post-mortem Diagnosis, Tricuspid Insufficiency, Hemorrhagic Myocarditis, Endocarditis, Hemorrhagic Pleuritis, Broncho Pneumonia, Lobar Pneumonia, Tubercular Pneumonia, Septic Spleen, Chronic Diffuse Nephritis, Gumma of Liver, Cystic Degeneration of Brain.

No. 1880. Clinical Diagnosis, Tuberculosis of Lungs.
Post-mortem Diagnosis, Brown Atrophy of Heart, Atheromatous Aorta, Dilatation of Heart, Miliary Tuberculosis, Caseous Pneumonia, Bronchitis and Peri-Bronchitis, caseosa, Emphysema, Pulmonary Tuberculosis, Atrophic Spleen, Chronic Diffuse Nephritis, Renal Abscess, Hemorrhagic Pyelitis, Parenchymatous Hepatitis, Tubercular Lympadenitis, Chronic Tubercular Ulcerative Pharyngo Laryngitis, Gastro Enteritis, Tuberculosis of Peritoneum, Tuberculosis of Appendix.

No. 3192. Clinical Diagnosis, Pulmonary Tuberculosis.
Post-mortem Diagnosis, Fatty Degeneration of Heart, Chronic Pleurisy, Tubercular Pneumonia, Emphysema, Atelectasis, Tubercular Lymp-Adenitis, Hemorrhagic Splenitis, Interstitial Nephritis, Chronic Parenchymatous Hepatitis, Chronic Atropic Gastro Enteritis, Ulcerative Tubercular Enteritis.

No. 3170. Clinical Diagnosis, Post Operative Peritonitis.
Post-mortem Diagnosis, Endocarditis Verrucosa, Arterio Sclerosis, Hemorrhagic Pleurisy, Pneumothorax, Fatty Degeneration of Liver, Atrophic Spleen, Chronic Diffuse Nephritis, Cirrhosis of Liver, Chronic Atrophic Gastro-Enteritis, Esophago Malacia, Rupture Oesophagus.

No. 3263. Clinical Diagnosis, Pulmonary Tuberculosis.
Post-mortem Diagnosis, Tuberculosis of Lungs, Fibrinous Pleurisy Left Side, Caseous Tuberculosis of Right Kidney.

No. 3194. Clinical Diagnosis, Nephritis, Mitral Insufficiency.
Post-mortem Diagnosis, Hypertrophy of Heart, Dilatation of Heart, Aortic Stenosis, Arterio Sclerosis, Chronic Pleurisy, Brown Induration of Lungs, Acute Parenchymatous Nephritis, Chronic Interstitial Hepatitis, Central Atrophy of Liver, Acute Gastro-Enteritis, Hemorrhagic Gastritis.

No. 2810. Clinical Diagnosis, Pulmonary Tuberculosis.
Post-mortem Diagnosis, Mitral and Tricuspid Insufficiency, Fatty Degeneration of Heart, Aortic Stenosis, Intramural Thrombosis, Ulceration of Heart Muscle, Syphilitic Cirrhosis of Spleen, Syphilitic Globulation of Kidney, Syphilis of Liver, Central Atrophy of Liver, Oedema of Lungs, Pulmonary Tuberculosis.

No. 3133. Clinical Diagnosis, Diphtheria.
Post-mortem Diagnosis, Hypertrophy and Dilatation of Heart, Emphysema and Oedema of Lungs, Acute Parenchymatous Nephritis, Fatty Infiltration of Liver, Diphtheria Ulceration of Left Tonsil.

No. 3557. Clinical Diagnosis, Uraemia.
Post-mortem Diagnosis, Dilatation Right Ventricle, Emphysema and Oedema of Lungs, Purulent Spleen, Parenchymatous Nephritis, Fatty Degeneration of Liver, Chronic Gastro Entero-Colitis, Hypertrophied Mesenteric Nodes, Miliary Eruption of Large and Small Intestines.

No. 3311. Clinical Diagnosis, Partial Strangulation.
Post-mortem Diagnosis, Gastro-Enteritis.

No. 2980. Clinical Diagnosis, Pulmonary Tuberculosis.
Post-mortem Diagnosis, Mitral and Tricuspid Insufficiency, Dilatation Right Heart, Fatty Degeneration Liver, Fatty Degeneration Spleen, Fatty Degeneration Kidneys, Diffuse Nephritis, Pulmonary Tuberculosis.

No. 3348. Clinical Diagnosis, Phthisis Pulmonalis.
Post-mortem Diagnosis, Tuberculosis of Lungs, Diffuse Nephritis, Mitral Insufficiency.

No. 3167. Clinical Diagnosis, Phthisis Pulmonalis.
Post-mortem Diagnosis, Mitral and Tricuspid Insufficiency, Fatty Degeneration of Heart, Dilatation of Right Ventricle, Aortic Ste-

nosis, Oedema of Lungs, Brown Atrophy of Lung, Cyst in Liver, Splenic Tumor, Parenchymatous Nephritis, General Lymph-Adenitis, Leuchæmia.

No. 2784. Clinical Diagnosis, Nephritis, Cystitis.
Post-mortem Diagnosis, Hypertrophy of Heart, Mitral Insufficiency, Central Atrophy of Liver, Pyo-nephritis, Hypertrophy of Bladder and Prostate.

No. 4470. Clinical Diagnosis, Phthisis Pulmonalis.
Post-mortem Diagnosis, Hypertrophy and Dilatation of Heart, Tuberculosis of Lungs, Central Atrophy of Liver, General Splanchnaptosis.

No. 3384. Clinical Diagnosis, Cirrhosis of Liver.
Post-mortem Diagnosis, Dilatation and Hypertrophy of Heart, Atelectasis of Right Lung, Right Hemorrhagic Pleurisy, Healed Tuberculosis of Right Lung, Acute Interstitial Nephritis, Fatty Liver, General Splanchnaptosis.

No. 3359. Clinical Diagnosis, Phthisis Pulmonalis.
Post-mortem Diagnosis, Pulmonary Tuberculosis, Hypertrophy of Heart, Chronic Diffuse Nephritis, Fatty Liver.

No. 3589. Clinical Diagnosis, Parenchymatous Nephritis,
Post-mortem Diagnosis, Chronic Pleurisy, Mitral Insufficiency, Emphysema and Oedema of Lungs, Parenchymatous Nephritis, Central Atrophy of Liver, Fatty Degeneration of Heart, Hyperaemia of Arachnoid Membrane.

No. 3662. Clinical Diagnosis, Chronic Cocaine Intoxication,
Post-mortem Diagnosis, Hypertrophy of Left Ventricle, Oedema of Lungs, Fatty Liver, Chronic Peri-Splenitis, Interstitial Nephritis, Gastro-Enteritis, Pachy-Meningitis.

No. 3579. Clinical Diagnosis, Mitral Insufficiency.
Post-mortem Diagnosis, Dilatation Right Ventricle, Mitral and Tricuspid Insufficiency, Atheromatous Degeneration of Aorta, Emphysema of Lungs, Parenchymatous Nephritis, Central Atrophy of Liver, Gastro-Enteritis.

No. 3262. Clinical Diagnosis, Uraemia.
Post-mortem Diagnosis, Dilatation and Hypertrophy of Heart, Vegetations on Aortic Valves, Aortic Stenosis, Emphysema and Oedema of Lungs, Chronic Purulent Bronchitis, Hypertrophic Spleen, Central Atrophy of Liver, Chronic Gastro-Enteritis, Intussusception of Small Bowel, Chronic Interstitial Nephritis.

No. 3112. Clinical Diagnosis, Morphinism.
Post-mortem Diagnosis, Synechia of Heart, Mitral and Tricuspid Insufficiency, Chronic Fibrinous Pleurisy, Fatty Degeneration of Liver, Parenchymatous Nephritis, Miliary Tuberculosis of Lungs, Intestines and Liver, Splenic Abscess, Hemorrhoids, Chronic Gastro-Enteritis.

No. 3484. Clinical Diagnosis, Carcinoma.
Post-mortem Diagnosis, Fatty Degeneration of Heart, Mitral Insufficiency, Purulent Bronchitis, Fatty Degeneration of Kidney, Gastritis, Colitis, Carcinoma of Liver.

No. 3913. Clinical Diagnosis, Auto-Intoxication, Toxic Absorption.
Post-mortem Diagnosis, External Urethrotomy, Gangrene of Tissues, Urethræ, Perineum and Abdomen, Tricuspid Insufficiency, Dilatation and Fatty Degeneration of Heart, Adhesion of Lungs, Interstitial Hepatitis, Chronic Cystitis, Stricture Urethra, Peritonitis.

No. 3955. Clinical Diagnosis, Malaria.
Post-mortem Diagnosis, Dilatation Right Ventricle, Emphysema and Oedema of Lungs, Chronic Parenchymatous Nephritis, Septic Spleen, Enteritis.

No. 3933. Clinical Diagnosis, General Peritonitis, Ischio Rectal Abscess.
Post-mortem Diagnosis, General Purulent Peritonitis, Emphysema and Hypostatis of Lungs, Fatty Degeneration of Heart, Parenchymatous Nephritis, Gastro-Enteritis, Large Fatty Liver, Keloids.

No. 3578. Clinical Diagnosis, Carcinoma of Bowels, Endometritis.
Post-mortem Diagnosis, Carcinoma Gall Bladder, Fatty Degeneration of Liver, Gastritis, Acute Parenchymatous Nephritis, Oedema and Emphysema of Lungs, Tricuspid Insufficiency, Fatty Degeneration of Heart.

No. 4010. Clinical Diagnosis, Diffuse Nephritis.
Post-mortem Diagnosis, Localized Peritonitis, Fatty Degeneration of Heart, Oedema of Lungs, Diffuse Nephritis, Pachy Meningitis.

No. 3874. Clinical Diagnosis, Tubercular Pneumonia.
Post-mortem Diagnosis, Dilatation and Fatty Heart, Phthisis Pulmonalis, Parenchymatous Nephritis, Large Fatty Liver.

No. 4088. Clinical Diagnosis, Uraemia.
Post-mortem Diagnosis, Fatty Degeneration of Heart, Phthisis Pulmonalis, Toxic Nephritis, Dilatation of Bladder, Cystitis, Gastro-Enteritis, Gastrectosis, Oedema and Hypertrophy of Brain, Indurated Mesenteric Lymph Nodes, Toxaemia.

No. 3446. Clinical Diagnosis, Diphtheria.
Post-mortem Diagnosis, Enlarged Cervical Lymph Nodes, Larynx Occluded by a Piece of Meat, Lungs Congested.

No. 3976. Clinical Diagnosis, Miliary Tuberculosis.
Post-mortem Diagnosis, Phthisis Pulmonalis, Nephritis, Parenchymatous, Septic Spleen, Gastro-enteritis.

No. 4167. Clinical Diagnosis, Tuberculosis, Mitral Insufficiency.
Post-mortem Diagnosis, Inbibition of Heart, Mitral Insufficiency, Fatty Degeneration of Heart, Tuberculosis of Left Lung, Oedema Both Lungs, Marginal Emphysema, Adhesive Pleurisy, Septic Spleen, Diffuse Nephritis, Gastro-Enteritis.

No. 3517. Clinical Diagnosis, Pyosalpinx.
Post-mortem Diagnosis, Fatty Degeneration of Heart, Adhesive Pleurisy, Chronica, Tubercular Peri-Bronchial Lymph Nodes, Diffuse Parenchymatous Nephritis, Fatty Liver, Remains of Hysterectomy done day before.

No. 4231. Clinical Diagnosis, Pneumonia.
Post-mortem Diagnosis, Hypertrophy of Heart, Fibrous Thickening of Aorta, Pneumonia Right Lung, Peri-Splenitis, Hepatitis, Interstial, Double Hydro-Nephrosis, Andureter, Dilatation of Bladder, Enlarged Prostate, Gastro-Enteritis, Diffuse Nephritis.

No. 3272. Clinical Diagnosis, Mitral Insufficiency.
Post-mortem Diagnosis, Dilated and Hypertrophy of Heart, Mitral and Tricuspid Insufficiency, Profuse Vegetation on Valves, Fatty Degeneration of Heart, Atheroma of Aorta, Septic Spleen, Emphysema of Lungs, Diffuse Nephritis, Central Atrophy of Liver, Interstitial Hepatitis.

No. 4240. Clinical Diagnosis, Uraemia.
Post-mortem Diagnosis, Corpulency, Fatty Degeneration of Heart, Arterio Sclerosis of Aorta, Oedema and Emphysema of Lungs, Septic Spleen, Interstitial Nephritis, Senility.

No. 4063. Clinical Diagnosis, Phthisis, Pulmonalis, Malaria.
Post-mortem Diagnosis, Fatty Degeneration of Heart, Emphysema of Lungs, Oedema of Lungs, Diffuse Nephritis, Dilated Bladder, Retention of Urine, Gastro-Enteritis, Colitis, Hemorrhoids.

No. 4. Clinical Diagnosis, Hepatic Abscess, Pyo-Thorax, Nephritis.
Post-mortem Diagnosis, Fatty Degeneration of Heart, Purulent Pleuritis, Diffuse Nephritis, Hepatic Abscess, Central Atrophy of Liver.

No. 3179. Clinical Diagnosis, Phthisis Pulmonalis.
Post-mortem Diagnosis, Arterio Sclerosis, Marasmus, General Splanctmoptosis, Interstitial Splenitis, Diffuse Nephritis, Central Atrophy of Liver, Gall Stones, Entro-Colitis.

No. 3387. Clinical Diagnosis, Typhoid Fever.
Post-mortem Diagnosis, Fatty Degeneration of Heart, Incipient Arterio Sclerosis, Emphysema, Chronic Pleuritis, Septic Spleen, Parenchymatous Hepatitis, Diffuse Nephritis, Intestinal Ulceration, Acute Miliary Tuberculosis, Hyperplasia Pyer's Patches.

No. 4384. Clinical Diagnosis, Abdominal Tumor.
Post-mortem Diagnosis, Caseous Tuberculosis of Peri-Lymphatic Glands, Fatty Degeneration of Heart, Oedema and Ephysema of Lungs, Interstitial Nephritis, Fatty Degeneration of Liver, Interstitial Hepatitis, Multiple Fibroid of Uterus, Large Abscess between Folds of Broad Ligament.

No. 4352. Clinical Diagnosis, Hypertrophic Cirrhosis of Liver, Gall Stones.
Post-mortem Diagnosis, Phthisis Pulmonalis, Fatty Degeneration of Heart, Splenic Tumor, Parenchymatous Nephritis, Gall stones, Obstruction of Common Duct, Hepatic Abscess, Gastro-Entero-Colitis.

No. 4309. Clinical Diagnosis. Ulcer Stomach, Phthisis Pulmonalis.
Post-mortem Diagnosis, Fatty Degeneration of Heart, Incipient Arterio Sclerosis, Emphysema of Lungs, Diffuse Nephritis, Interstitial Splenitis, Interstitial Hepatitis, Dilatation of Stomach.

No. 4393. Clinical Diagnosis, Intussusception.
Post-mortem Diagnosis, Fatty Degeneration of Heart, Tricuspid Insufficiency, Oedema of Lungs, Diffuse Nephritis, Fatty Degeneration of Liver, Hemorrhagic Gastritis, Entero-Colitis, Purulent Peritonitis.

No. 4282. Clinical Diagnosis, Nephritis.
Post-mortem Diagnosis, Arterio Sclerosis, Purulent Peritonitis, Right Pyo-Thorax, Chronic Pleuritis, Acute Miliary Tuberculosis of Lungs.

No. 4198. Clinical Diagnosis, Uraemia.
Post-mortem Diagnosis, Fatty Degeneration of Heart, Tricuspid Insufficiency, Incipient Arterio Sclerosis, Emphysema, Septic Spleen, Interstitial Nephritis, Central Atrophy of Liver, Catarrhal Inflammation of Intestines.

No. 3730. Clinical Diagnosis, Senility.
Post-mortem Diagnosis, Incipient Arterio Sclerosis, Dilated Right Ventricle, Mitral Stenosis, Diffuse Nephritis, Central Atrophy of Liver, Gastritis, Oedema of Arachnoidal Tissues.

No. 2931. Clinical Diagnosis, Senility.
Post-mortem Diagnosis, Fatty Degeneration of Heart, Carcinoma of Oesophagus, Indurated Lymphatic Glands, Endocarditis, Fatty Degeneration of Liver, Multiple Carcinoma of Liver, Emphysema and Oedema of Lungs, Chronic Bronchitis, Diffuse Nephritis, Arterio Sclerosis, Interstitial Splenitis.

No. 4317. Clinical Diagnosis, Asthma.
Post-mortem Diagnosis, Hypertrophy and Dilatation of Heart, Fatty Degeneration of Heart, Oedema of Lungs, Pulmonary Hemorrhage, Total Synechia of Lungs, Interstitial Splenitis, Sclerosis of Splenic and Renal Arteries, Central Atrophy of Liver, Old Pelvic Adhesions, Oedema of Brain, Sclerosis of Arteries of Brain.

No. 4541. Clinical Diagnosis, Nephritis.
Post-mortem Diagnosis, Chronic Parenchymatous Nephritis, Fatty Degeneration of Liver, with Hypertrophy, Cirrhosis of Liver, Dilatation of Both Ventricles, General Anaemia.

No. 4608. Clinical Diagnosis, Cerebral Hemorrhage.
Post-mortem Diagnosis, Fatty Liver, Dilatation Right Heart, Oedema of Lungs, Hemorrhagic Spleen, Hyperaemia Spinal Cord.

No. 4660. Clinical Diagnosis, Uraemia and Tricuspid Insufficiency.
Post-mortem Diagnosis, Chronic Interstitial Nephritis, Oedema of Lungs, Left Pleuritis, Fatty Degeneration of Liver, Mitral Insufficiency, Aortic Insufficiency, Dilatation of Right Heart, Cystic Kidney.

No. 2918. Clinical Diagnosis, Nephritis, Cirrhosis of Liver.
Post-mortem Diagnosis, Hemorrhagic Peritonitis, Miliary Tuberculosis Intestines and Diaphragm, Cirrhosis of Liver, Peri-Hepatitis, Peri-Splenitis, Chronic Diffuse Nephritis, Chronic Adhesive Pleuritis.

No. 3542. Clinical Diagnosis, Typhoid Fever.
Post-mortem Diagnosis, Cirrhosis of Liver, Fatty Degeneration of Heart, Dilatation Both Ventricles, Mitral Insufficiency, Peritonitis, Double Psoas Abscess.

No. 4772. Clinical Diagnosis, Uraemia.
Post-mortem Diagnosis, Cirrhosis of Liver, Fatty Degeneration of Heart, Diffuse Nephritis, Anthrocosis, Mitral Insufficiency, Tricuspid Insufficiency, Gastritis, Endo-Aortitis Chronica Deformens, Dilatation of Heart.

No. 2569. Clinical Diagnosis, Carcinoma.
Post-mortem Diagnosis, Brown Atrophy of Heart, Endo-Aortitis, Chronica Deformens, Phthisis Pulmonalis, Chronic Interstitial Nephritis, Acute Parenchymatous Nephritis, Chronic Peritonitis, Chronic Pleurisy, Chronic Gastro-Enteritis, Carcinoma of Neck.

No. 1866. Clinical Diagnosis, Hydro-Thorax.
Post-mortem Diagnosis, Chronic Pericarditis Obliterans, Brown Atrophy of Heart, Oedema of Lungs, Carcinoma of Lungs, Carcinoma of Kidneys, Chronic Interstitial Nephritis, Cirrhosis of Liver.

No. 4831. Clinical Diagnosis, Diphtheria.
Post-mortem Diagnosis, Ulcerated Fauces, Parenchymatous Nephritis, Congestion of Liver, Endocarditis, Anaemia of Heart Muscle.

No. 3785. Clinical Diagnosis, Typhoid Fever, Nephritis.
Post-mortem Diagnosis, Mitral Insufficiency, Oedema of Lungs, Emphysema of Lungs, Ascaris Lumbracodes, Cachexia Inanitia, Chronic Gastro-Entero-Colitis, Hemorrhagica.

No. 4642. Clinical Diagnosis, Myelogenous Leukaemia.
Post-mortem Diagnosis, Myelogenous Leukaemia, Chronic Pericarditis, Arterio Sclerosis of Aorta, Endocarditis, Peri-Hepatitis, Leukemic Infiltration of Liver, Peri-Splenitis, Fatty Degeneration of Heart, Chronic Pleuritis, Tuberculosis of Lungs, Chronic Diffuse Nephritis, Gastro-Enteritis.

No. 4497. Clinical Diagnosis, Typhoid Fever.
Post-mortem Diagnosis, Phthisis Pulmonalis, Myocarditis, Cirrhosis of Liver, Typhoid Ulceration of Intestines, Septic Spleen, Pyaemia of Kidney, Localized Abscess of Kidney, Parenchymatous Nephritis.

No. 4071. Clinical Diagnosis, Cancer of Uterus.
Post-mortem Diagnosis, Carcinoma of Uterus, Carcinoma by Metastasis of Liver, Bladder and Abdominal Lympyatics, Pyelo-

Nephrosis, Parenchymatous Nephritis, Broncho Pneumonia, Myo Degeneration, Hydro-Nephrosis.

No. 4959. Clinical Diagnosis, Diphtheria.
Post-mortem Diagnosis, Ulceration of Tonsils, Tracheitis, Pharyngitis, Mitral Insufficiency, Hyperæmia of Lungs, Anæmia of Liver, Tubercular Spleen, Parenchymatous Nephritis, Proctitis, Cervicitis, Cystic Degeneration of Ovaries and Tubes.

No. 1979. Clinical Diagnosis, Uræmia.
Post-mortem Diagnosis, Hypertrophy of Heart, Endo-Aortitis, Chronica, Oedema of Lungs, Right Fibrous Pleuritis, Chronic Nephritis, Chronic Catarrhal Cystitis, Hypertrophy and Dilatation of Bladder, Gall Stones, Circumscribed Peri Hepatitis, Chronic Catarrhal Gastritis, Phthisis Pulmonalis, Senile Atrophy of Liver.

No. 4945. Clinical Diagnosis, Typhoid Fever.
Post-mortem Diagnosis, Acute Purulent Peritonitis, Perforation of Ileum, Typhoid Ulceration of Ileum, Acute Parenchymatous Gastritis, Atalectasis of Lungs, Septic Spleen, Purulent Bronchitis, Central Atrophy of Liver, Calcarius Tubercular Nodules.

No. 4750. Clinical Diagnosis, Nephritis.
Post-mortem Diagnosis, Parenchymatous Nephritis, Hypertrophy of Heart, Mitral Insufficiency, Fatty Metamorphosis of Liver, Chronic Peri-Splenitis, Oedema of Lungs, Anasarca.

No. 3829. Clinical Diagnosis, Dysentery.
Post-mortem Diagnosis, Emphysema of Lungs, Beginning Croupous Pneumonia, Chronic Diffuse Nephritis, Fatty Infiltration of Liver, Ulceration and Polypi of Large Intestines, General Anæmia.

No. 4899. Clinical Diagnosis, Typhoid Fever.
Post-mortem Diagnosis, Ulcerations of Solitary Follicles of Ileum, Enlargement of Pyer's Patches, Hyperæmia of Spleen, Diffuse Nephritis, Hyperæmia of Right Lung, Atalectasis of Left Lung, Mitral and Tricuspid Insufficiency, Gastrectasy, Chronic Meningitis.

No. 5074. Clinical Diagnosis, Pneumonia.
Post-mortem Diagnosis, Abscess of Liver, Abscess of Lung, Pulmonary Tuberculosis, Septic Liver, Septic Spleen, Parenchymatous Nephritis, Interstitial Nephritis, Mitral Insufficiency.

No. 5127. Clinical Diagnosis, Erysipelas, Nephritis.
Post-mortem Diagnosis, Chronic Pleuritis, Purulent Bronchitis, Oedema of Lungs, Diffuse Nephritis, Mitral and Tricuspid Insufficiency, Chronic Pericarditis, Beginning Central Atrophy of Liver, Septic Spleen.

No. 3833. Clinical Diagnosis, Carcinoma of Neck.
Post-mortem Diagnosis, Carcinoma of Neck, Pericarditis, Endocarditis, Chronic Pleuritis, Peri-Splenitis, Parenchymatous Nephritis, Oedema of Lungs.

No. 5082. Clinical Diagnosis, Broncho Pneumonia.
Post-mortem Diagnosis, Hypertrophy of Right Ventricle, Pericarditis, Endo-Aortitis, Chronica Deformens, Tubercular Pneumonia, Chronic Pleuritis, Fatty Degeneration of Liver, Chronic Splenitis.

No. 4675. Clinical Diagnosis, Senility.
Post-mortem Diagnosis, Pericarditis, with Effusion, Mitral and Tricuspid Insufficiency, Endo-Aoritis, Chronica, Hypostatic Congestion of Lungs, Passive Hyperæmia of Spleen, Central Atrophy and Fatty Change of Liver, Localized Abscess of Left Kidney, Pyelo-Nephrosis of Right Kidney, Parenchymatous Nephritis, Hemorrhagic Cystitis with Ulceration, Trichina of Pectoral Muscles, Spinal Meningitis.

No. 2140. Clinical Diagnosis, Huntington's Chorea.
Post-mortem Diagnosis, Purulent Bronchitis, Emphysema of Lungs, Pericarditis Obliterans, Dilatation and Hypertrophy of Heart, Cirrhotic Spleen, Diffuse Nephritis, Central Atrophy of Liver, General Splanchnoptosis.

No. 5110. Clinical Diagnosis, Pneumonia.
Post-mortem Diagnosis, Lobar Pneumonia of Entire Right Lung, Catarrhal Pneumonia Lower Lobe Left Lung, Diffuse Nephritis, Interstitial Hepatitis, Fatty Degeneration of Aortic Intima, Endocarditis, Verrucosa Mitral Valve.

No. 5280. Clinical Diagnosis, Carcinoma of Neck.
Post-mortem Diagnosis, Acute Aspiratory Bronchitis, Acute Aspiratory Broncho Pneumonia, Surgical Wound at Former Site of Cancer.

No. 5249. Clinical Diagnosis, Purulent Peritonitis.
Post-mortem Diagnosis, Mitral and Tricuspid Insufficiency, Endocarditis, Septic Spleen, Hypostatic Congestion of Lower Lobe Both Lungs, Purulent Peritonitis.

No. 5861. Clinical Diagnosis, Fibroma of Uterus, Pneumonia, Uraemia.
Post-mortem Diagnosis, Parenchymatous Nephritis, Hydro-Pericarditis, Hypostatic Congestion of Lungs, Endocarditis, Hepatitis, Subinvoluted Uterus, Lacerated Cervix.

No. 5665. Clinical Diagnosis, Pneumonia.
Post-mortem Diagnosis, Atalectasis of Upper Lobe of both Lungs, Pericarditis, Endocarditis, Acute Parenchymatous Nephritis, Acute Peritonitis, Fribroid Growth of Anterior Wall Uterus, Cloudy Swelling of Liver.

No. 5557. Clinical Diagnosis, Acute Dilatation of Heart.
Post-mortem Diagnosis, Pericarditis, Endocarditis, Dilatation Left Ventricle, Fatty Metamorphosis of Both Ventricles, Tuberculosis both Lungs and Pleura, Parenchymatous Nephritis, Fatty Liver, Atrophy of Spleen.

No. 5554. Clinical Diagnosis, Diphtheria.
Post-mortem Diagnosis, Pericarditis, Endocarditis, Fatty Metamorphosis of Heart, Dilatation Right Ventricle, Ulcerated Diphtheritic Fauces, Hypostatic Congestion both Lungs, Fatty Liver, Diphtheric Spleen, Fatty Metamorphosis of Both Kidneys, Parenchymatous Nephritis.

No. 5522. Clinical Diagnosis, Pneumonia.
Post-mortem Diagnosis, Broncho-Pneumonia both Lungs, Septic Spleen, Pericarditis, Endocarditis, Parenchymatous Nephritis, Fibroma Right Kidney, Fatty Liver.

No. 4800. Clinical Diagnosis, Tricuspid Insufficiency.
Post-mortem Diagnosis, Chronic Diffuse Nephritis, Sub-acute Endocarditis, Mitral and Aortic Valves, Relative Insufficiency Tricuspid Valves, Hypertrophy and Dilatation Both Ventricles.

No. 5425. Clinical Diagnosis, Nephritis.
Post-mortem Diagnosis, Chronic Diffuse Nephritis, Hypertrophy and Dilatation of Heart, Hepatic Cirrhosis and Cholelithiasis.

No. 5806. Clinical Diagnosis, Typhoid Fever.
Post-mortem Diagnosis, Typhoid Ulceration Small Intestines, Profuse Hemorrhage into Colon, Toxic Nephritis, Circumscribed Atrophic Areas in Liver, Pericarditis Obliterans, Broncho-Pneumonia, General Vesicular Pneumonia.

No. 5871. Clinical Diagnosis, Nephritis.
Post-mortem Diagnosis, Emphysema, Bronchitis, Broncho-Pneumonia, Chronic Interstitial Nephritis, Fatty Liver.

No. 5382. Clinical Diagnosis, Nephritis.
Post-mortem Diagnosis, Chronic Diffuse Nephritis, Relative Hypertrophy and Dilatation Heart, Insufficiency Tricuspid Valves, Atalectasis and Emphysema Lungs, Hydrothorax, Ascites and Oedema.

No. 5926. Clinic Diagnosis, Cirrhosis of Liver.
Post-mortem Diagnosis, Fatty Degeneration of Heart, Dilatation Right Ventricle, Pulmonary Tuberculosis, Passive Hyperaemia Spleen, Acute Parenchymatous Nephritis, Cirrhosis of Liver, Double Ureter.

No. 6014. Clinical Diagnosis, Chronic Dysentery.
Post-mortem Diagnosis, Amoebic Dysentery, Abscess of Liver, Fatty Degeneration of Liver, Chronic Entero-Colitis, Diffuse Nephritis, Chronic Melanotic Spleen, Aneamic Heart Muscle.

No. 5046. Clinical Diagnosis, Puerperal Infection, Pelvic Abscess.
Post-mortem Diagnosis, General Purulent Peritonitis, Pelvic Abscess, Fatty Degeneration of Liver, Hypostatic Pneumonia.

No. 4585. Clinical Diagnosis, Hemiplegia.
Post-mortem Diagnosis, Encephalo Malacia, Marginal Emphysema, Diffuse Nephritis, Decubitus.

No. 6093. Clinical Diagnosis, Pulmonary Tuberculosis.
Post-mortem Diagnosis, Miliary Tuberculosis Lungs, Anaemic Heart, Parenchymatous Nephritis, Central Atrophy of Liver.

No. 5909. Clinical Diagnosis, Pulmonary Tuberculosis.
Post-mortem Diagnosis, Pulmonary Tuberculosis, Chronic Interstitial Nephritis, Cirrhosis of Liver.

No. 4412. Clinical Diagnosis, Nephritis.
Post-mortem Diagnosis, Mitral Stenosis, Fatty Degeneration of Liver, Parenchymatous Nephritis, Emphysema of Lungs, Pleuritis, both sides.

No. 6146. Clinical Diagnosis, Oedema of Lungs, Nephritis.
Post-morten Diagnosis, Chronic Parenchymatous Nephritis, Oedema of Lungs, Lobar Pneumonia, Mitral Insufficiency, Fatty Liver, Cystic Kidney.

No. 6171. Clinical Diagnosis, Uraemia, Parenchymatous Nephritis.
Post-mortem Diagnosis, Chronic Parenchymatous Nephritis, Pulmonary Tuberculosis.

No. 4662. Clinical Diagnosis, Nephritis.
Post-mortem Diagnosis, Hypertrophy and Dilatation Heart, Pleurisy with exudate, Central Atrophy of Liver, Cyanotic Kidney.

No. 6212. Clinical Diagnosis, Pneumonia.
Post-mortem Diagnosis, Lobar Pneumonia, Chronic Aortic Valvular Insufficiency, Acute Parenchymatous Nephritis (Toxic), Small Septic Spleen, Acute Dilatation Both Ventricles.

No. 6228. Clinical Diagnosis, Lobar Pneumonia, Pleurisy, Pericarditis.
Post-mortem Diagnosis, Lobar Pneumonia Upper Right Lobe, Atalectasis of Left Lower Lobe, Pleuritis with Purulent Exudate, True Hypertrophy without Dilatation of both Ventricles, Dilatation Right Auricle, Septic Splenitis.

No. 6126. Clinical Diagnosis, Nephritis.
Post-mortem Diagnosis, Pleurisy with Effusion Right Side, Hypertrophy and Dilatation Heart, Diffuse Nephritis.

No. 6140. Clinical Diagnosis, Alcoholism.
Post-mortem Diagnosis, Hemorrhagic Enteritis, Croupous Pneumonia, Both Lower Lobes.

No. 6057. Clinical Diagnosis, Carcinomatosis.
Post-mortem Diagnosis, Mitral Stenosis, Secondary Carcinoma Spleen and Mesenteric Glands, Carcinoma Uterus.

No. 6175. Clinical Diagnosis, Pneumonia.
Post-mortem Diagnosis, Croupous Pneumonia, Fatty Metamorphosis Heart Muscle, Fibrinous Pleurisy, Septic Spleen, Diffuse Nephritis.

No. 6084. Clinical Diagnosis, Nephritis.
Post-mortem Diagnosis, Dilatation and Hypertophy of Heart, Chronic Splenitis, Diffuse Nephritis.

No. 6346. Clinical Diagnosis, Lobar Pneumonia.
Post-mortem Diagnosis, Lobar Pneumonia, Exudative Pleuritis, Acute Fibrinous Pericarditis, Septic Spleen.

No. 6375. Clinical Diagnosis, Toxaemia, Nephritis.
Post-mortem Diagnosis, Mitral Insufficiency, Beginning Atheroma Aorta, Miliary Tuberculosis Right Lung, Tubercular Pneumonia, Right Lung, Septic Spleen, Toxic Parenchymatous Nephritis, Fatty Degeneration of Liver, Gastro Enteritis.

No. 6081. Clinical Diagnosis, Mitral and Tricuspid Insufficiency.
Post-mortem Diagnosis, Diffuse Nephritis, Septic Spleen, Interstitial Hepatitis, Mitral Insufficiency.

No. 5968. Clinical Diagnosis, Purulent Cystitis.
Post-mortem Diagnosis, Dilatation Right Heart, Chronic Bronchitis, Left Lobar Pneumonia, Pleuritic Diffusion Left Side, Acute Pelvic Peritonitis, Septic Spleen, Purulent Cystitis, Uretritis, Pyelitis, Nephritis.

No. 6509. Clinical Diagnosis, Pneumonia.
Post-mortem Diagnosis, Sero Fibrinous Pericardial Effusion, Double Lobar Pneumonia, Pleurisy with Effusion, Septic Spleen, Fatty Degeneration of Liver.

No. 6135. Clinical Diagnosis, Typhoid Ulcerations.
Post-mortem Diagnosis, Typhoid Ulcerations, perforating, Interstitial Nephritis, General Peritonitis, Septic Spleen.

No. 6448. Clinical Diagnosis, Pneumonia.
Post-mortem Diagnosis, Dilatation Heart, Right Lobar Pneumonia, Septic Spleen, Chronic Diffuse Nephritis.

No. 5803. Clinical Diagnosis, Abscess Pancreas.
Post-mortem Diagnosis, Abscess involving pancreas and adjacent structures, Perforating Duodenal Ulcers.

No. 6670. Clinical Diagnosis. (?)
Post-mortem Diagnosis, Syphilitic Gumma of Liver, Mitral Insufficiency, Chronic Gastritis, Septic Spleen.

No. 6528. Clinical Diagnosis, Emphysema.
Post-mortem Diagnosis, Fatty Degeneration of Heart, Dilatation of Heart, Chronic Interstitial Nephritis, Fatty Degeneration of Kidney, Septic Spleen, Fatty Liver, Chronic Bronchitis, Mitral and Tricuspid Insufficiency.

No. 6481. Clinical Diagnosis, Insanity, Senility.
Post-mortem Diagnosis, Atrophy Heart, Liver and Kidneys, Atheroma Aorta.

No. 1499. Clinical Diagnosis, Gastro-enteritis.
Post-mortem Diagnosis, Dilatation Right Heart, Tricuspid Insufficiency, Tubercular Pneumonia, Chronic Pluerisy, Chronic Diffuse Nephritis, Septic Spleen.

No. 6656. Clinical Diagnosis, Alcoholism, Pneumonia.
Post-mortem Diagnosis, Miliary Tuberculosis Right Lung, Dilatation Right Heart, Hytrophic Cirrhosis of Liver, Chronic Interstitial nephritis, Miliary Tuberculosis Pyameter.

No. 6487. Clinical Diagnosis, Cirrhosis of Liver.
Post-mortem Diagnosis, Carcinoma involving Pancreas and Spleen, Chronic Gastritis, Dilatation of Stomach, Neoplasm at Pylorus.

No. 6625. Clinical Diagnosis, Lobar Pneumonia.
Post-mortem Diagnosis, Dilatation Right Heart, Mitral Insufficiency, Parenchymatous Nephritis, Congested Liver.

No. 6660. Clinical Diagnosis, Parenchymatous Nephritis.
Post-mortem Diagnosis, Dilatation of Heart, Tricuspid Insufficiency, Atrophy of Liver, Parenchymatous Nephritis, Chronic Gastro-Enteritis.

No. 6764. Clinical Diagnosis, Croupous Pneumonia.
Post-mortem Diagnosis, Lobar Pneumonia, Dilatation Right Heart, Tricuspid Insufficiency, Septic Spleen, Diffuse Nephritis.

No. 6751. Clinical Diagnosis, Pneumonia.
Post-mortem Diagnosis, Lobar Pneumonia, Dilatation Right Heart, Parenchymatous Nephritis, Acute Gastritis, Fatty Degeneration of Liver.

No. 6779. Clinical Diagnosis, Nephritis.
Post-mortem Diagnosis, Dilatation of Heart, Endocarditis, Mitral Insufficiency, Tricuspid Insufficiency, Fatty Degeneration of Liver, Central Atrophy of Liver, Diffuse Nephritis, Dermoid Cyst Left Ovary, Fibroid Uterus.

No. 6612. Clinical Diagnosis, Delirium Tremens, Cellulitis Leg.
Post-mortem Diagnosis, Carcinoma Right Inguinal Region, Dilation Right Heart, Tricuspid Insufficiency, Atrophy Spleen, Fatty Degeneration of Liver, Endocarditis, Atalectasis of Lung, Diffuse Nephritis.

No. 6719. Clinical Diagnosis, Uræmia.
Post-mortem Diagnosis, Mitral Insufficiency, Fatty Infiltration Heart, Tricuspid Insufficiency, Dilatation of Heart, Fatty Degeneration of Liver, Parenchymatous Nephritis, Septic Spleen.

No. 6846. Clinical Diagnosis, Interstitial Nephritis, Mitral Insufficiency.
Post-mortem Diagnosis, Dilatation Right Ventricle, Mitral Insufficiency, Tricuspid Insufficiency, Chronic Endocarditis, Chronic Aortitis, Hemorrhagic Infarct Lung, Atalectasis of Both Lungs, Fatty Degeneration Liver, Chronic Cholecystitis, Chronic Interstitial Nephritis.

No. 6591. Clinical Diagnosis, Aortic Regurgitation.
Post-mortem Diagnosis, Endocarditis, Pericarditis, Dilatation Left Ventricle, Alatectasis of Left Lung, Chronic Bronchitis, Fatty Degeneration of Liver, Aortitis.

No. 6678. Clinical Diagnosis, Miliary Tuberculosis.
Post-mortem Diagnosis, Endocarditis, Hypertrophy Left Ventricle, Phthisis Pulmonalis, Chronic Interstitial Nephritis, Septic Spleen, Tubercular Gastro-Entero-Colitis, Perforation of Intestinal Ulcer (Tub.).

No. 6738. Clinical Diagnosis, Splenitis, Cirrhosis of Liver.
Post-mortem Diagnosis, Carcinoma Left Kidney, with Metastatis right Kidney, Pericardium and Lymphatic Nodes, Dilatation Both Ventricles.

No. 6675. Clinical Diagnosis, Bronchitis.
Post-mortem Diagnosis, Mitral Insufficiency, Tricuspid Insufficiency, Purulent Bronchitis, Emphysema Right Lung, Chronic Gastritis, Dilatation Stomach, Hypertrophy Heart.

No. 6802. Clinical Diagnosis, Nephritis, Mitral Insufficiency.
Post-mortem Diagnosis, Complete Aortic Stenosis, Tricuspid Insufficiency, Hypertrophy Left Ventricle, Lobar Pneumonia, Hypertrophic Cirrhosis of Liver, Parenchymatous Nephritis.

No. 6759. Clinical Diagnosis, Uræmia.
Post-mortem Diagnosis, Dilatation Right Heart, Tricuspid Insufficiency, Fatty Degeneration of Liver, Chronic Diffuse Nephritis, Chronic Cystitis, Uræmia.

No. 6971. Clinical Diagnosis, Meningitis.
Post-mortem Diagnosis, Septic Spleen, Congested Kidneys, Purulent Cerebral Meningitis, Cyst Right Fallopian Tube.

No. 6448. Clinical Diagnosis, Bronchitis.
Post-mortem Diagnosis, Dilatation Right Heart, Phthisis Pulmonalis, Tuberculosis Kidney, Parenchymatous Nephritis, Septic Spleen, Chronic Cholecystitis, Chronic Bronchitis.

No. 6925. Clinical Diagnosis, Pneumonia, Nephritis, Syphilis.
Post-mortem Diagnosis, Dilatation Right Heart, Aortic Stenosis, Tricuspid Insufficiency, Septic Spleen, Parenchymatous Nephritis, Hypertrophic Cirrhosis of Liver, Lobar Pneumonia.

No. 6856. Clinical Diagnosis, Mitral Regurgitation, Cirrhosis of Liver.
Post-mortem Diagnosis, Dilatation Right Heart, Mitral Insufficiency, Tricuspid Insufficiency, Atalectasis of Right Lung, Septic Spleen, Hypertrophic Cirrhosis of Liver, Parenchymatous Nephritis, Tubercular Peritonitis.

No. 6873. Clinical Diagnosis, Mitral Insufficiency, Malaria.
Post-Mortem Diagnosis, Dilatation of Heart, Mitral Insufficiency, Syphilitis Gummata Liver, Cholelithiasis.

No. 6979. Clinical Diagnosis, Icterus, Oedema of Lungs.
Post-mortem Diagnosis, Lobar Pneumonia, Dilatation Right Heart, Mitral Stenosis, Gastro-Enteritis, Diffuse Nephritis.

No. 4679. Clinical Diagnosis, Malnutrition, Phthisis.
Post-mortem Diagnosis, General Tuberculosis, Retention of Urine.

No. 7038. Clinical Diagnosis, Nephritis.
Post-mortem Diagnosis, Dilatation Right Heart, Aortic Stenosis, Aortic Insufficiency, Mitral Stenosis, Chronic Interstitial Nephritis, Cholelithiasis, Fatty Degeneration of Liver and Heart.

No. 6851. Clinical Diagnosis, Uraemia.
Post-mortem Diagnosis, Fatty Infiltration of Heart, Dilatation Right Heart, Mitral Insufficiency, Tricuspid Insufficiency, Emphysema of Lungs, Chronic Interstitial Nephritis, Fatty Degeneration of Kidneys, Tuberculosis of Kidneys, Septic Spleen, Fatty Degeneration of Liver.

No. 7045. Clinical Diagnosis, Ovarian Cyst.
Post-mortem Diagnosis, Fibromioma Uterus.

No. 6765. Clinical Diagnosis, Phthisis Pulmonalis.
Post-mortem Diagnosis, Phthisis Pulmonalis, Myodegeneration and Dilatation Right Heart, Aortic and Tricuspid Insufficiency, Exudative and Fibrous Pleurisy, Central Atrophy of Liver.

No. 6839. Clinical Diagnosis, Pneumonia.
Post-mortem Diagnosis, Hypertrophy Left Heart, Dilatation Right Ventricle, Partial Obstruction Small Intestines, Brown Induration of Lungs, Arterio Sclerosis, Fatty Degeneration of Liver.

No. 7090. Clinical Diagnosis, Lobar Pneumonia.
Post-mortem Diagnosis, Lobar Pneumonia, Pleurisy with Effusion and Fibrinous Exudate, Dilatation Right Heart, Tricuspid Insufficiency, Hyperplastic Spleen, Fatty Infiltration Liver, Right Inguinal Hernia.

No. 7175. Clinical Diagnosis, Oedema Lungs, Pneumonia.
Post-mortem Diagnosis, Dilatation Right Heart, Tricuspid Insufficiency, Hypertrophy Left Ventricle, Lobar Pneumonia, Parenchymatous Nephritis, Interstitial Hepatitis.

No. 6961. Clinical Diagnosis, Interstitial Hepatitis.
Post-mortem Diagnosis, Fatty Degeneration of Heart, Fibrinous Pleurisy, Phthisis Pulmonalis, Chronic Interstitial Hepatitis and Splenitis, Chronic Gastritis, Chronic Catarrhal Gall Bladder, Diffuse Nephritis.

No. 6515. Clinical Diagnosis, Chronic Nephritis, Uraemia.
Post-mortem Diagnosis, Dilatation Right Heart, Tricuspid Insufficiency, Chronic Bronchitis, Left Broncho Pneumonia, Chronic Interstitial Hepatitis and Nephritis.

No. 7186. Clinical Diagnosis, Pneumonia, Pleurisy.
Post-mortem Diagnosis, Dilatation Right Heart, Chronic Fibrinous Pleuritis, Right Lobar Pneumonia, Diffuse Nephritis, Septic Spleen.

No. 7233. Clinical Diagnosis, Pneumonia, Nephritis.
Post-mortem Diagnosis, General Hypertrophy of Heart, Fibrinous Pericarditis, Right Lobar Pneumonia, Pleurisy with Effusion, Diffuse Nephritis.

No. 7099. Clinical Diagnosis, Pneumonia, Cerebro-Meningitis.
Post-mortem Diagnosis, Dilatation Right Heart, Tricuspid Insufficiency, Lobar Pneumonia, Fibrinous Pleurisy, Pyelo-Nephrosis, Interstitial Nephritis, Cerebral Meningitis, Endocarditis.

No. 6928. Clinical Diagnosis, Pyelo-Nephritis.
Post-mortem Diagnosis, Chronic Endocarditis, Septic Spleen, Cysto-Uretero-Pyelo-Nephrosis, Diffuse Nephritis.

No. 6576. Clinical Diagnosis, Adenitis.
Post-mortem Diagnosis, Adenitis, Tricuspid Insufficiency, Purulent Bronchitis, Infarct Spleen, Diffuse Nephritis, Central Atrophy Liver, Cholelithiasis.

No. 3101. Clinical Diagnosis, Carcinoma.
Post-mortem Diagnosis, Luetic Ulceration of Lips, Tongue, Oral Cavity and Anus, Atrophy of Heart, Lobular Pneumonia, Central Atrophy of Liver.

No. 6680. Clinical Diagnosis, Chronic Parenchymatous Nephritis.
Post-mortem Diagnosis, Chronic Parenchymatous Nephritis, General Atrophy Heart, Lungs, Liver and Spleen.

No. 7588. Clinical Diagnosis, Lobar Pneumonia.
Post-mortem Diagnosis, Cardiac Hypertrophy, Mitral and Tricuspid Insufficiency, Fibrinous Pericarditis, Fibrinous Pleurisy, Right Lobar Pneumonia, Parenchymatous Nephritis, Trichina Spiralis Muscularis.

No. 7554. Clinical Diagnosis, Appendicitis. (?)
Post-mortem Diagnosis, Oedema of Lungs, Hypostatic Congestion Lower Lobe Left Lung, Atalectasis of Lower Lobe Left Lung, Fatty Degeneration of Liver, Cholelithiasis, Acute Fibrinous Peritonitis.

No. 7633. Clinical Diagnosis, Pneumonia, Nephritis, Dilatation Right Side Heart.
Post-mortem Diagnosis, Pericarditis, Obliterans, Hypertrophy and Dilatation Heart, Fibrinous Pleuritis, Croupous Pneumonia, Right Lung, Septic Spleen, Toxic Parenchymatous Nephritis, Parenchymatous Hepatitis.

No. 7673. Clinical Diagnosis, General Peritonitis.
Post-mortem Diagnosis, Chronic Gastritis, Gastric Ulcer, Duodenal Ulcers, Perforating Ulcer Duodenum, General Peritonitis.

No. 7566. Clinical Diagnosis, Structure of Deep Urethrae, Urinary Infiltration.

Post-mortem Diagnosis, Septic Spleen, General Peritonitis, Chronic Diffuse Nephritis, Left Pyo-Nephrosis, Chronic Purulent Ureteritis, Chronic Cystitis.

No. 7960. Clinical Diagnosis, Valvular Disease of Heart.
Post-mortem Diagnosis, Mitral and Tricuspid Stenosis, Aneurism of Beginning Aorta, Endocarditis, verrucosa, Oedema of Lungs, Healed Tuberculosis of Lungs, Pleural Transudate, Bronchitis, Floating and Movable Kidney, Cyanotic Kidney, Cyanotic Spleen, Nutmeg Liver.

No. 7507. Clinical Diagnosis, Gastritis.
Post-mortem Diagnosis, Fatty Infiltration of Liver, Acute Gastritis.

No. 7735. Clinical Diagnosis, Enteritis.
Post-mortem Diagnosis, Peritonitis.

No. 7718. Clinical Diagnosis, Apoplexy, Nephritis.
Post-mortem Diagnosis, Dilatation of Heart, Chronic Pleurisy, Fatty Degeneration of Liver, Diffuse Nephritis, Fibroid of Uterus, Small Cyst Left Ovary, Oedema Arachnoidal Tissues, Recent Hemorrhage in Floor Left Ventricle.

No. 7861. Clinical Diagnosis, Rheumatism, Nephritis.
Post-mortem Diagnosis, Healed Tuberculosis of Lungs, Mucoid Degeneration, Vegetations of Aortic Segment, Chronic Diffuse Nephritis, Cystitis, Multiple Carcinomata of Spleen, Multiple Carcinomata of Liver, Multiple Carcinomata of Pancreas.

No. 7785. Clinical Diagnosis, Pneumonia.
Post-mortem Diagnosis, Dilatation Right Side of Heart, Tricuspid Insufficiency, Mitral and Aortic Stenosis, Chronic Fibrinous Pericarditis, Fibrinous Pleuritis Left Side, Fibrinous Pleuritis Right Side, Peri-Splenitis, Diffuse Nephritis.

No. 7525. Clinical Diagnosis, Diphtheria.
Post-mortem Diagnosis, Infarct Left Myocard Causing an Ulcer, Diphtheric Ulceration of Tonsils.

No. 7881. Clinical Diagnosis, Acute Lobar Pneumonia, Insanity.
Post-mortem Diagnosis, Old Pneumonia, Oedema of Lungs, Emphysema of Lungs, Endocarditis, Verrucosa, Vegetations of Valves, Diffuse Nephritis, Hepatitis, Fractured Ribs, Septic Arthritis Both Ankle Joints.

No. 7889. Clinical Diagnosis, Pneumonia.
Post-mortem Diagnosis, Fatty Degeneration of Heart, Dilatation of Heart, Pneumonia Upper Right Lobe, Emphysema Lower Left Lobe, Large Septic Spleen, Diffuse Nephritis, Fatty Degeneration Liver, Hyperaemia of Brain, Localized Pachy-Meningitis, Luetic Scars of Body.

No. 7877. Clinical Diagnosis, Angina Ludovici.
Post-mortem Diagnosis, Passive Hyperaemia Lungs, Liver and Kidneys, Dilatation and Fatty Degeneration Heart, Fatty Degeneration of Liver, Septic Spleen, Oedema Upper Respiratory Tract, Abscess Second Tricuspid Tubes, Angina Ludovici.

No. 7783. Clinical Diagnosis, Typhoid.
Post-mortem Diagnosis, Fatty Degeneration of Heart, Emphysema of Lungs, Anaemia of Viscera, Ulceration and Hemorrhage from Large and Small Bowel.

No. 7577. Clinical Diagnosis, Typhoid.
Post-mortem Diagnosis, Tumor Right Supra-Renal Capsule, Fatty Degeneration of Heart, Chronic Endocarditis, Emphysema Lungs, Hyperplasia, Lymph Nodes, Chronic Splenitis, Parenchymatous Nephritis, Interatitial Hepatitis, Typhoid Ulcer Large and Small Intestines with perforations, Hemorrhage into Rectus Abdominalis Muscle, Purulent Peritonitis.

No. 7928. Clinical Diagnosis, Enteritis.
Post-mortem Diagnosis, Chronic Fibrous Pleurisy, Tricuspid Insufficiency, Beginning Nutmeg Liver, Septic Spleen, Oedema of Lungs, Atrophic Nephritis, Entero-Colitis, Fibroma Sigmoid Flexure, Hemorrhage into Colon, Oedema of Arachnoid.

No. 7945. Clinical Diagnosis, Pneumonia.
Post-mortem Diagnosis, Endocarditis, Fatty Degeneration of Heart, Chronic Pleurisy, Lobar Pneumonia, Emphysema and Atalectasis of Lungs, Chronic Splenitis, Parenchymatous Nephritis.

No. 7897. Clinical Diagnosis, Pneumonia, Nephritis.
Post-mortem Diagnosis, Hypertrophy of Heart, Synechia Both Pleural Cavities, Pneumonia Left Lung, Oedema Upper Lobe, Pneumonia and Emphysema Right Lung, General Arterio Sclerosis, Interstitial Splenitis, Nephritis.

No. 7939. Clinical Diagnosis, Hydro Thorax, Pleurisy.
Post-mortem Diagnosis, Hypertrophy of Heart, Dilatation Left Ventricle, Aneurism Ascending Aorta, Atalectasis Left Lung, Emphysema Right Lung, Chronic Splenitis, Diffuse Nephritis, Interstitial Hepatitis.

No. 8068. Clinical Diagnosis, Scarlet Fever.
Post-mortem Diagnosis, Endocarditis, Subpericardial Hemorrhage, Pleuro-Pneumonia, Parenchymatous Nephritis, Septic Spleen, Acute Hepatitis, General Hyperaemia of Body.

No. 8042. Clinical Diagnosis, Pneumonia.
Post-mortem Diagnosis, Fatty Infiltration of Heart, Oedema of Lungs, Pneumonia Right Lung (Lobar) Hyperaemia Kidney, Liver and Brain.

No. 7790. Clinical Diagnosis, Pneumonia, Both Lungs (Lobar).
Post-mortem Diagnosis, Lobar Pneumonia both Lungs, Fatty Degeneration and Dilatation Heart, Peri-Splenitis, Parenchymatous Nephritis.

No. 8039. Clinical Diagnosis, Lobar Pneumonia.
Post-mortem Diagnosis, Oedema of Lungs, Lobar Pneumonia Right Lung, Dilatation of Heart, Septic Spleen, Parenchymatous Nephritis, Focal Fatty Degeneration of Liver.

No. 7762. Clinical Diagnosis, Meningitis.
Post-mortem Diagnosis, Fatty Degeneration and Dilatation of Heart, Tubercular Broncho-Pneumonia, Both Lungs, Passive Hyperaemia All Viscera, Purulent Basilar Meningitis.

No. 8150. Clinical Diagnosis, Peritonitis.
Post-mortem Diagnosis, Fatty Degeneration Heart with Atrophy, Oedema and Emphysema of Lungs, Tubercular Foci of Lung, Atrophy of Kidney, Interstitial Hepatitis, Fatty Degeneration of Liver.

No. 8040. Clinical Diagnosis, Pneumonia.
Post-mortem Diagnosis, Hypertrophy and Dilatation of Heart, Fatty Degeneration of Heart, Lobar Pneumonia, Parenchymatous Nephritis, Arterio Sclerosis, Omental Hernia.

No. 7788. Clinical Diagnosis, Pulmonary Tuberculosis.
Post-mortem Diagnosis, Fibrinous Pericarditis, Fatty Infiltration of Heart, Fibrinous Pleurisy, Parenchymatous Nephritis, Central Atrophy of Liver.

No. 8004. Clinical Diagnosis, Perforating Ulcer Stomach, Peritonitis.
Post-mortem Diagnosis, Emphysema of Lungs, Tuberculosis of Lungs, Pleurisy, Parenchymatous Nephritis, Fatty Degeneration of Liver, Peritonitis of Greater Peritoneal Cavity, Gastro-Enteritis, Perforated Round Ulcer near Pylorus, approximated by Sutures.

No. 8160. Clinical Diagnosis, Dysentery, Nephritis.
Post-mortem Diagnosis, Oedema and Emphysema of Lungs, Hypertrophy and Dilatation of Heart, Peri-Splenitis, Fatty Degeneration of Liver, Ascites, Oedema, Lower Extremities, Entero-Colitis.

No. 8212. Clinical Diagnosis, Aortic Regurgitation, Nephritis, Pneumonia.
Post-mortem Diagnosis, Dilatation and Hypertrophy of Heart, Aortic Insufficiency, Lobar Pneumonia, Emphysema both Lungs, Pleural Effusion both Sides, Peri-Splenitis, Endocarditis, Central Atrophy of Liver.

No. 8288. Clinical Diagnosis, Pulmonary Tuberculosis.
Post-mortem Diagnosis, Dilatation of Heart, Anaemic Kidney, Focal Fatty Degeneration of Liver, Tubercular Process both Lungs, Fibrinous Pleurisy, Atheroma Aorta.

No. 6088. Clinical Diagnosis, Psoas Abscess.
Post-mortem Diagnosis, Dilatation of Heart, Emphysema of Lungs, Septic Spleen, Diffuse Nephritis, Psoas Abscess.

No. 8129. Clinical Diagnosis, Meningitis.
Post-mortem Diagnosis, Fatty Infiltration of Heart, Chronic Fibrous Pleurisy, Healed Tuberculosis, Gummata of Spleen and Liver, Interstitial Hepatitis, Cerebro-Spinal Meningitis, Syphilis.

No. 8128. Clinical Diagnosis, Nephritis, Mania, Bronchitis.
Post-mortem Diagnosis, Dilatation and Fatty Degeneration of Heart, Emphysema and Purulent Bronchitis, Peri-Splenitis, Parenchymatous Nephritis, Interstitial Hepatitis, Oedema of Arachnoidal Space.

No. 8268. Clinical Diagnosis, Lobar Pneumonia, Nephritis.
Post-mortem Diagnosis, Hypertrophy and Fatty Degeneration of Heart, Bilateral Pleurisy and Pneumonia, Oedema and Emphysema both Lungs, Chronic Splenitis, Chronic Parenchymatous Nephritis, Arthritis Deformens, Interstitial Hepatitis, Multiple Lipoma.

No. 6892. Clinical Diagnosis, Tabes Dorsalis.
Post-mortem Diagnosis, Tabes Dorsalis, Chronic Pericarditis and Endocarditis, Fatty Degeneration and Dilatation Heart, Chronic Fibrous Pleuritis, Oedema of Lungs, Acute Lobar Pneumonia, Septic Spleen, Chronic Parenchymatous Nephritis, Fatty Degeneration of Liver, Interstitial Hepatitis.

No. 6278. Clinical Diagnosis, Pneumonia.
Post-mortem Diagnosis, Fatty Degeneration of Heart, Fibrinous Pericarditis and Endocarditis, Oedema, Emphysema and Hypostasis of Lung, Fibrinous Pleuritis and Hydrothorax, Septic Spleen, Parenchymatous Nephritis, Fatty Degeneration of Liver, Pneumonia.

No. 8294. Clinical Diagnosis, Pneumonia, Nephritis.
Post-mortem Diagnosis, Senility, Arterio Sclerosis, Dilatation of Heart, Lobar Pneumonia, Septic Spleen, Diffuse Nephritis, Interstitial Hepatitis.

No. 8260. Clinical Diagnosis, Rheumatism, Mitral Insufficiency.
Post-mortem Diagnosis, Bilious Pericarditis, Fatty Degeneration of Heart, Arterio Sclerosis, Emphysema, Atalectasis and Hypothesis Lung, Septic Spleen, Diffuse Nephritis, Central Atrophy of Liver, Retroversion Uterus.

No. 8377. Clinical Diagnosis, Pneumonia.
Post-mortem Diagnosis, Hypertrophy and Dilatation of Heart, Fatty Infiltration of Heart, Endocarditis, Lobar Pneumonia, Hypostasis and Oedema of Lungs, Cyanotic Kidney, Fatty Degeneration of Liver, Septic Spleen.

No. 8408. Clinical Diagnosis, Pneumonia.
Post-mortem Diagnosis, Dilatation and Hypertrophy of Heart, Fibrous Pleuritis with Exudate, Pericarditis, Emphysema, Oedema and Hypostasis of Lungs, Septic Spleen, Parenchymatous Nephritis, Interstitial Hepatitis, Internal Hemorrhoids.

No. 8414. Clinical Diagnosis, Pneumonia.
Post-mortem Diagnosis, Oedema Lungs, Hypertrophy and Dilatation of Heart, Parenchymatous Nephritis, Hyperplasia of Spleen, Fatty Liver.

No. 8551. Clinical Diagnosis, Croupous Pneumonia.
Post-mortem Diagnosis, Atalectasis of Lung, Pyothorax Left Lung, Emphysema Right Lung, Diffuse Nephritis, Chronic Splenitis, Interstitial Hepatitis.

No. 8060. Clinical Diagnosis, Broncho Pneumonia.
Post-mortem Diagnosis, Hypertrophy and Dilatation of Heart, Arterio Sclerosis, Double Lobar Pneumonia, Septic Spleen, Diffuse Nephritis, Fatty Degeneration of Liver.

No. 8404. Clinical Diagnosis, Malaria, Pneumonia.
Post-mortem Diagnosis, Dilatation of Heart, Arterio Sclerosis, Endocarditis, Right Lobar Pneumonia, Oedema and Emphysema of Lungs, Septic Spleen, Parenchymatous Nephritis.

No. 8320. Clinical Diagnosis, Lobar Pneumonia.
Post-mortem Diagnosis, Dilatation Right Side of Heart, Mitral Insufficiency, Endocarditis, Double Lobar Pneumonia, Emphysema, Chronic Fibrous Pleurisy, Pyothorax, Chronic Parenchymatous Nephritis, Central Atrophy and Fatty Degeneration of Liver.

No. 7949. Clinical Diagnosis, Peritonitis, Operative Case.
Post-mortem Diagnosis, Tricuspid Insufficiency, Hypertrophy Left Ventricle, Oedema and Emphysema Lungs, Diffuse Nephritis, Chronic Splenitis, Fatty Infiltration of Liver, Peritonitis.

No. 4813. Clinical Diagnosis, La Grippe, Uræmia.
Post-mortem Diagnosis, Emphysema Lung, Hypostatis of Lungs, Dilatation of Heart, Tricuspid Insufficiency, Interstitial Hepatitis, Fatty Degeneration, Chronic Interstitial Nephritis.

No. 8499. Clinical Diagnosis, Nephritis.
Post-mortem Diagnosis, Mitral and Tricuspid Insufficiency, Lobar Pneumonia, Fibrous Pleuritis, Emphysema, Parenchymatous Nephritis, Fatty Degeneration of Liver.

No. 8522. Clinical Diagnosis, Erysipelas, Nephritis.
Post-mortem Diagnosis, Fibrous Pleuritis, Fatty Degeneration of Heart, Mitral and Tricuspid Insufficiency, Arterio Sclerosis, Septic Spleen, Chronic Interstitial Nephritis, Fatty Degeneration of Liver, Erysipelas.

No. 8581. Clinical Diagnosis, Pneumonia, Rubeola.
Post-mortem Diagnosis, Lobar Pneumonia, Bronchitis, Acute Parenchymatous Nephritis, Rubeola.

No. 8674. Clinical Diagnosis, Nephritis.
Post-mortem Diagnosis, Chronic Pleuritis, Oedema of Lungs, Dilatation and Hypertrophy Heart, Pericarditis, Parenchymatous Nephritis, Fatty Degeneration of Liver.

No. 8638. Clinical Diagnosis, Croupous Pneumonia.
Post-mortem Diagnosis, Right Lobar Pneumonia, Hypostasis of Lungs, Pericarditis, Arterio Sclerosis, Acute Parenchymatous Nephritis, Dilatation Right Side of Heart.

No. 8582. Clinical Diagnosis, Cirrhosis of Liver.
Post-mortem Diagnosis, Pleuritis Deformens, Hypertrophy and Dilatation of Heart, Mitral and Aortic Insufficiency, Fatty De-

generation of Heart, Pericarditis, Arterio Sclerosis, Passive Hyperæmia of Kidneys, Fatty Infiltration and Interstitial Hepatitis, Pneumonia.

No. 8466. Clinical Diagnosis, Pneumonia, Rubeola.
Post-mortem Diagnosis, Lobar Pneumonia, Fribinous Pleurisy, Hypertrophy and Dilatation of Heart, Mitral and Tricuspid Insufficiency, Arterio Sclerosis, Acute Parenchymatous Nephritis, Fatty Degeneration of Liver.

No. 8503. Clinical Diagnosis, Pneumonia.
Post-mortem Diagnosis, Left Lobar Pneumonia, Fibrinous Pleuritis, Phthisis Pulmonalis, Mitral and Tricuspid Insufficiency, Hyperplasia Spleen, Interstitial Hepatitis.

No. 8487. Clinical Diagnosis, Pneumonia.
Post-mortem Diagnosis, Left Lobar Pneumonia, Oedema and Emphysema Lungs, Purulent Fibrinous Pericarditis, Endocarditis, Arterio Sclerosis, Mitral and Tricuspid Insufficiency, Acute Parenchymatous Nephritis, Fatty Degeneration and Central Atrophy of Liver.

No. 8697. Clinical Diagnosis, Acute Mitral Insufficiency.
Post-mortem Diagnosis, Oedema and Emphysema of Lungs, Hypertrophy and Dilatation of Heart, Mitral and Tricuspid Insufficiency, Fatty Degeneration of Heart, Fatty Degeneration of Liver, Chronic Interstitial Nephritis.

No. 8640. Clinical Diagnosis, Pneumonia.
Post-mortem Diagnosis, Left Lobar Pneumonia, Fibrinous Pleuritis, Hypertrophy of Heart, Septic Spleen, Arterio Sclerosis, Parenchymatous Nephritis, Fatty Degeneration of Liver, Central Atrophy of Liver.

No. 8480. Clinical Diagnosis, Phthisis Pulmonalis.
Post-mortem Diagnosis, Chronic Interstitial Pneumonia, Fibrinous Pleuritis, Hypertrophy and Dilatation of Heart, Fatty Degeneration of Intema of Aorta, Chronic Endocarditis, Diffuse Nephritis, Fatty Infiltration and Central Atrophy of Liver.

No. 8757. Clinical Diagnosis, Pneumonia.
Post-mortem Diagnosis, Indolent Ulcer Leg, Petechial Hemorrhage of Pericardium, Hemorrhagic Pericarditis, Dilatation and Fatty Infiltration Heart, Tricuspid Insufficiency, Hematothorax Left Plural Cavity, Staining of Lung by Blood Pigment, Pneumonia, third stage, Right Side, Fibrinous Pleurisy, Peri-Splenitis, Hyperplasia Spleen, Chronic Parenchymatous Nephritis, Chronic Interstitial Hepatitis, Passive Hyperaemia Liver.

No. 8511. Clinical Diagnosis, Paraplegia.
Post-mortem Diagnosis, Pericarditis, Concentric Hypertrophy of Heart, Tricuspid Insufficiency, Healed Tuberculosis of Lungs, Oedema and Emphysema Lungs, Peri-Splenitis, Arterio Sclerotic Contracted Kidney, Parenchymatous Hepatitis, Passive Hyperaemia of Liver, Chronic Gastro-Duodenitis, Chronic Inflammation Respiratory Tract, Chronic Inflammation Alimentary Tract, General Artero Sclerosis.

No. 8765. Clinical Diagnosis, Pneumonia.
Post-mortem Diagnosis, Hypertrophy and Dilatation of Heart, Passive Hyperaemia Brain, Fibrous Pleuritis with Exudate, Fibrous Pericarditis, Hyperplasia Spleen, Acute Parenchymatous Nephritis, Septicaemia.

No. 8797. Clinical Diagnosis, Mitral Insufficiency.
Post-mortem Diagnosis, Dilatation Right Side Heart, Chronic Pluerisy, Emphysema and Oedema Lung, Interstitial Hepatitis, Interstitial Nephritis, Mitral and Tricuspid Insufficiency, Passive Hyperaemia Brain.

No. 8774. Clinical Diagnosis, Pneumonia.
Post-mortem Diagnosis, Pneumonia Right Lung, Mitral and Tricuspid Insufficiency, Diffuse Nephritis.

No. 8459. Clinical Diagnosis, Nephritis, Hepatitis.
Post-mortem Diagnosis, Hypertrophy Right and Left Ventricle, Diffuse Nephritis, Chronic Pericarditis, Ameloid Degeneration Spleen, Arthritis Deformens, Central Atrophy of Liver, Chronic Pleurisy, Deformens.

VII.

INSANE ASYLUM.

Staff and Employees.

EDWARD C. RUNGE, M. D.....Superintendent.
Theodore Greiner, M. D.....Assistant Physician.
Chas. W. Thierry, M. D.....Assistant Physician.
Chas. E. Gimbel, M. D.....Assistant Physician.

Chief Clerk.
R. E. Lee Gibson.

Assistant Clerk.
Hugo M. Vollmar.

Druggist.
A. M. Soellner.

Engineers.
John McEnroe, Chief.
Frank P. Herring, Assistant. G. H. Behling, Assistant.

Firemen.
Louis Walters, John Ernst.

Cooks.
George Crow, Chief.
George Glass, Assistant, Wm. Rufenacht,
John Geitlinger.

Supervisors.
Fred Bunte, Margaret Shea.

Head Attendants — Male.
Daniel Murphy, George A. Hammett, Wm. Linnemeyer,
William Manion, John W. Ingoldsby.

Head Attendants — Female.
Johanna Noonan, Lee Pickel, Belle McDonald.
Emma Hawley, Kate Burke, Sophia Seekamp.

Night Watch — Male.
Rudolph Meyer, Fred W. Beyers, Peter Eiswirth, Jno. Zimmermann.

Night Watch — Female.
Mary Jane Williams, Alice Howard, Mary O'Brien, Gertrude Wolff.

Ferdinand Koenig, Carpenter.
George Krone, Whitener.
Christ. Stengel, Whitener.
Jos. F. Luecke, Outside Night-Watch.
Elizabeth Fleming, Chief Laundress.
Lizzie Schaeffer, Assistant Laundress.
Rosa Cahill, Assistant Laundress.
Sophia Ernst, Assistant Laundress.
Annie Chapman, Assistant Laundress.
Julia Gilmore, Assistant Laundress.
Elizabeth Golash, Seamstress.
John Sterne, Messenger Boy.

Attendants — Male.

Wm. W. Webster,	Peter Palm,	Louis Kohlwes,
Albert Von der Broeck,	John Hoeffel,	Julius J. Diehl,
Edward Gormley,	Frank Hood,	T. E. Laundler,
Frank G. Davis.	J. L. Durham.	Christ. Vollmer.

Attendants — Female.

Lizzie Kellty,	Kate Herring,	Belle Nelson,
Mary Summerfield,	Frances F. Casey,	Clementine Casey,
Maggie Hooley,	Maud McDonald,	Nellie C. Mansfield,
Annie McHale,	Kate McHale,	Kate Rodgers.
Christina Krebs,	Wilhelmine Jancke.	

First-Class Help — Gardener.

Henry Hackman.

First-Class Help — Female.

Maggie Dee, Nora Kennedy.

Second-Class Help — Male.

Alex. A. Geider,	Charles Elms,	F. W. Madden,
Gustav H. Reuter,	Wm. Boettcher,	Lon. Hoelscher.

Second-Class Help — Female.

Hattie Groesschler,	Mamie Campbell,	Mamie Machwirth.
	Minnie Moon.	

Third-Class Help — Male.

Camillo Carrione,	Louis Armknecht,	S. O. Felton.

	Appropriations.	Balances.	Overdrawn.
For salaries	$34,500 00	$130 85	
" groceries	55,500 00	129 35	
" drugs	1,500 00	8 56	
" dry goods	9,500 00	33 20	
" forage	2,400 00	225 27	
" labor	2,800 00	.....	$33 83
" entertainments	600 00	7 99	

ANNUAL STATEMENT.

SIR: — Although I fully realize that, in submitting to you the thirty-second annual report of the St. Louis Insane Asylum for the fiscal year ending March 31, 1901, I am following a precedent established by usage, I cannot refrain from pointing to the fact that we have only recently passed the threshold of a new century. There are people endowed with philosophical minds, who treat with utter disdain the divisions and subdivisions of time as being purely arbitrary products of man, not exerting any influence for good or evil upon their even and unbroken course on the sea of infinite time. I, for one, belong to the common herd that finds a great deal of hopeful inspiration in the ever-recurring " Ring out the old, — ring in the new," an inspiration which preserves from the process of fossilization us, who are doing our work within the confines of a little world of our own. To bring periodically to our sense of realization the intimate relationship between our field of labor and world-moving events, strengthens us in what otherwise would seem, a hopeless struggle, helps us over disappointments, and keeps aglow within us the hope for better things. At a recent meeting of the Missouri Conference of Charities and Correction, I took the occasion to state that, among all of the achievements of the XIXth century, ranked foremost " the wondrous growth of humanizing influences as shown in the profoundly altered relationship between society and its defective and weaker members. Brilliant efforts in this direction by individuals and sets of individuals have been recorded before this, but they did not meet with general response and were doomed to remain ephemeral and sporadic.

The assumption of a guardian's duties by society over its less favored brethren is an outgrowth of nineteenth century ethical evolution, and, being in the nature of an evolution, it is bound to continue to grow along lines laid out thus far. The insane have particularly been the beneficiaries of the changes wrought. While celebrating the advent of the new century at our institution, I addressed our patients on these changes, and was filled with honest pride in being able to draw before their mental vision the contrast pictures representing the treatment of the sufferers a hundred years ago and to-day. I conjured up the well-known scene in which Phillipe Pinel, in the stone-paved halls of the Bicœtre, is seen to cast off the iron chains and manacles from the unfortunates huddled closely together like so many beasts of prey. It is an inspiring thought that those days of brutal superstition and superstitious brutality are forever gone.

The task of ministering to the needs of the unfortunate insane under then existing conditions, must have been truly harrowing. Even though conditions to-day are far from being ideal, there is not lacking encouragement in the present or hope in the future. My personal attitude towards our work was clearly outlined in our thirtieth annual report, and as the latter will hardly escape the fate of "pigeon-hole" oblivion, I shall quote from the same in extenso. I look back with pleasure and satisfaction at these years spent in close communion with my patients — patients who occupy such a unique place among their fellow-sufferers. Many a layman — and even professional man — firmly believes that such a life must be devoid of all pleasure, and replete with weary, soul-depressing monotony. The life of a botanist — and by this I mean the botanist who spends his days amidst the living, growing plants and flowers — may easily appear without a single charm to the uninitiated: they do not realize how much of the purest pleasure his watchful eye saps from the blossom unfolding itself under his kindly care which now shades it, now bathes it in lightsome sunshine. We must love our work if we would do it well, and it must not be the lukewarm love of the breadwinner, but the ardent love of the enthusiast. From a professional standpoint, there is no broader life than ours; as the insane who dwell around us are subject to every and all diseases that human flesh is heir to. Not an organ, not a single portion of the human body but may present in the insane, the same morbid picture as we find in the mentally sound. If nothing else, this would surely save us from sinking into ruts, from becoming victims to intellectual strabismus. Superimposed upon this wide field of labor in the line of so-called physical disease, we meet the thousand and one psychic deviations from the normal, — here we answer a special call. It is in the realm of psychic life that our chief endeavor lies, — we must give and give without stint of our own innermost selves if our efforts are to prove fruit-bearing. Far be it from me to deny that the drain upon the self is at times exacting, and that a weakly constituted nature may break down under the self-imposed burden, — such should clearly shun this field of human action.

In nurse and physician, the soil should be free of any taint, of any tendency to psychic disease. An individual with outspoken tubercular predisposition, would reach the acme of recklessness if he chose for his life-work the confines of a consumptive ward in a hospital.

I say this to refute the oft-heard utterance that, association with the insane frequently causes insanity; not a few have even dignified this pseudo-fact with the alluring title "contagiousness of insanity." An erroneous inference has

been drawn from the undoubted existence of so-styled folie-a-deux or communicated insanity. In such cases, one individual may develop an insane state similar to his insane companion, but here we find almost invariably, that the former harbored within himself the profound impress of an insane heredity. It is a well-established fact, much discussed by physicians in charge of hospitals for the insane, that nurses but rarely fall victims to mental aberration through association with their patients. Sweeping generalizations nearly always emanate from a misconception of actual facts. A generalization that has been to me exceedingly distressing, is contained in the assertion that every one of us shows signs of some degree of insanity. This is rank pessimism, and its adherents are oblivious to the fact that no human being ever existed with a flawless constitution, responding in every particular to the physiologic ideal. If medical examiners would place their standard on such a lofty pedestal, insurance companies would have to go out of business. There is no more truth in the above assertion than in the assumption that all men are more or less sick. Let us not forget that without brain disease, insanity absolutely does not exist; who will have the hardihood to brand all of our brains diseased? The term "crank" is commonly applied to individuals endowed with peculiarities all their own. Such an eccentric person refusing to play the part of dove's-tail to his fellows, is not eo ipso insane; more frequently is he possessed of dynamic energy that leaves its indelible imprint on the path of human evolution. When Lombroso attempted to brand genius as a genus of insanity, he lost himself in the maze of pseudo-science where Max Nordau and his ilk should have held undisputed sway.

Returning from this digression to our starting-point, I shall have no difficulty in proving that the intimate mingling with the insane is replete with encompassing interest. How could this be otherwise considering the truly kaleidoscopic variety of human minds and human souls. Every day brings in its wake new pictures, unexpected turns, and richer for having lived the day, we pass into the next. In popular estimation, the only out-and-out insane person is the "raving maniac." From a psychologic point of view, the development of a case of true mania is exceedingly interesting. Even a normally dull brain will, under spur of the morbid influence, display a wealth of imagery and inspire a brilliant flow of language that is frequently astounding. In the more highly gifted the picture grows in scope and richness of coloring. I have in mind a young girl who calls on us since her recovery, and who now shows herself to be the possessor of average intelligence and education. While here, she presented a most striking picture in her complete, psychic abandon; now a merry laugh with flashing jests, now a histrionic pose of an experienced tragedienne, one imperceptibly flowing into the other, and then at times a brilliant burst of intellectual fire-work, when one idea but half-expressed, chased the next in uninterrupted flight. It requires the quick perception of the experienced observer to string the flashing sparks into a continuous logic chain. In striking contrast to this picture of bubbling life and intense mental activity, stands the sad melancholiac. Not that he may not be fully as agitated as the maniac, but the agitation partakes of the nature of profound mental anguish. His soul racked by remorse for crimes and sins born and nursed within the borders of a diseased imagination, such patient is the actual, I may say the only, true sufferer in our hospital. To follow step by step the gradual transition from morbid self-analysis when reason still wards off the plunge into delusional life, into a fully developed melancholia, is a task of engrossing interest.

No greater pleasure can be experienced than to see a human soul emerge from the pit of utter despair; those patients when recovered, rarely laugh at their past delusions, and with great reluctance do they allow themselves to contemplate them in the retrospect. It is not surprising that a layman is not able to find attractive traits in a case of stupor. Here we are faced by a creature seemingly devoid of all emotional and intellectual faculties. The vegetative organs continue to do their work in a perfunctory way, — in every other respect, the patient is a lifeless automaton most nearly akin to a frog whose brain has been removed. Five months ago, a young girl was brought to us in just such condition; without intervention she would have died of starvation. By dint of daily feeding through stomach and nasal tubes, and general strengthening measures, our little patient regained her pristine, mental vigor and spontaneity, and is following to-day her former avocation. In beholding this kind of cases we are so hopeful of good results as to feel compensated for the apparent lack of striking psychologic features.

The paranoiac is particularly attractive on first acquaintance; his intellectual life is apt to run in a narrow groove, and his collossal egotism is so all-permeating as to tire even the most interested observer. To this class belong the social reformer whose self-imposed task it is to right imaginary wrongs against himself and society, — the pseudo-scientist with a cosmic scheme all his own, and others. It is remarkable how much logical power the deluded brain of the paranoiac is capable of. We have a patient here now, whose notions, if applied, would revolutionize the entire universe, with himself as the self-chosen center. He possesses the occult faculty of connecting earth and sun and thus producing showers, wind and storms; he positively revels in discoveries of unknown elements, and most eloquently discourses upon a science of chemistry of his own creation. Epilepsy, commonly recognized by the characteristic convulsive attack, presents one feature that is peculiar to it, namely, the intensely emotional state that not rarely precedes the "fit," and that has received the appellation of the "pre-epileptic" state. I have in view a male patient, who, in measured steps, would walk along the ward with both hands pointing heavenward, with head uplifted and eyes gazing into the far distance, in utter oblivion to his environment, — the entire attitude expressive of almost superhuman ecstasy. When aroused, he would depict to me in glowing colors, the heavenly visions that had passed before him with almost tangible vividness, and would speak of the intense joy filling him to overflowing, a joy that seemed not of this earth. No better illustration of the unutterably blissful sensations during these moments, can be found than in the words of the noted Russian author, Dostoyheffsky, who was a confirmed epileptic. Sophia Kovaleffskaya, professor of mathematics at the University of Stockholm, Sweden, relates in her memoirs of a visit paid by him to herself and sister at St. Petersburg. In the course of the conversation, he discussed his malady quite freely, and astounded the girls by the bold statement that no amount of money could induce him to part with a single fit, because of the unspeakable bliss encompassed in those pre-epileptic moments. This subject is of historic import when we remember that Mohammed, the prophet, was inspired to do his epoch-making work through heavenly, pre-epileptic visions, and the same is claimed of Joan of Arc. Some philosophic minds have evolved the idea that those are not merely visions born within the folds of a morbid brain, but glimpses behind the mysterious curtain parting the finite from the infinite, and this faculty has been named "cosmic consciousness."

It is not for me either to confirm or refute the truth of this interesting, psychic phenomenon, but it is not to be denied that the ecstasy of the epileptic, almost without exception, is of deeply religious hue.

From among the remainder of our patients, I will mention but two more classes that are of general interest, I mean the ones afflicted with senile or paralytic dementia. The normal human life runs its course smoothly to the very brink of the grave without the manifestation of a single sign of insanity. The process of physiologic involution at the approach of advanced age, is marked by some gradual and characteristic changes that are not expressions of morbidity. The high waves of passion give way to a placid calm; mental activity shows at times pristine vigor but new fields are shunned. Caution and conservatism supplant enterprise and radicalism, all moving forces appear of a lower tension in the aged. In the senile dement the decline is of a distinctly morbid nature. Delusions, mostly of a persecutory type, enshroud the failing mind and memory fails progressively. The loss of memory reaches eventually a phase when the patient absolutely does not appreciate his surroundings; which is in the nature of a happy compensation. One old man in our midst, landed in this country in 1853; he thinks himself now dwelling in Breslau, Germany, and on many an occasion, he has told me how much he enjoyed a hunting or fishing trip on that very day. His life here is spent amidst his long-departed parents and youth companions, while the eight and forty years of his American existence are almost wholly obliterated from his memory. Dementia paralytica, better known as paresis, occupies a great deal of our time. It deserves mention if for no other reason than that it has grown to such formidable proportions, particularly within the confines of large cities. It cannot be disputed that this growth bears some causative relation to the nerve-racking and exhausting bustle of modern city life. The prevalence of this disease in our hospital is best illustrated by the followin; figures; of the 949 men and 940 women admitted during the period between April 1, 1896, and March 31, 1901, 15 per cent of the men and 2 per cent of the women were victims of paresis, all doubtful cases being ruled out. The paretics are somewhat of a burden in a hospital for the acute insane, and they with many other incurables, should never find shelter under the same roof with patients suffering with recoverable forms of mental aberration. It cannot be gainsaid that no sadder task falls to our lot, than to witness the gradual decline of a strong intellect in the course of this fateful malady,— to watch, one by one, the highest attributes of man give way until nothing is left but a mere shell. The disease usually runs its course in from three to four years, and no human hand can stay its implacable progress, for it is my unshaken belief that, never once, has a bona fide case of paresis terminated in recovery or been cured. It is true that the course of the disease is frequently interrupted by more or less prolonged periods of partial or complete clearing, — by so-called remissions. During such periods, fond friends will doubt the insight of the medical adviser, and remove the patient from the hospital, only to return him in due course of time. About a year ago, such a patient was taken away in the face of my most vigorous protest. At the time of his admission, he could not talk or walk, presenting in every respect the picture of a far-progressed dementia. He improved rapidly, and finally was able to converse as well as ever, — except that he remained abnormally emotional. When he left us, he was in excellent physical condition, but his morbid mentality found expression in keen hallucinations of hearing: a threatening voice was hounding him un-

cessingly. He has been to see me twice since his release, telling me in confidence, that he has wandered about the country, even as far as California, in eager search of the possessor of that voice, who, if found, will have to atone with his blood for the suffering caused. Some day he may meet a man whose voice bears resemblance to the one of the imaginary persecutor, and the consequences can be readily imagined. As threats are not acts in the eyes of the law, I was utterly powerless to interfere.

This panorama, though cursory, is, I believe, all sufficient to prove the truth of my original contention, that the sojourn and the work among the insane do not lack in either interest or inspiration. Aside from the medical point of view, there are social features in the life of our many-headed family, the existence of which is not thought possible by the uninformed. A few hours spent on the quiet wards, would convince them that it is not all gloom and sadness within the walls of this hospital. On the men's side, they would find groups scattered here and there, some playing billiards, cards, dominoes, chess or checkers, others reading books or newspapers, still others formed into a quartet or quintet, raising their voices in many an old-fashioned, harmonious song. At other times they group around me, and we discuss questions of the day. The impression conveyed by such a ward, is more that of a club-room than an abode of the insane. On the women's side, dance and song help to enliven the evenings; chorus singing is frequently practiced for the weekly entertainment. The important role played by entertainment as a means of drawing the mentally afflicted away from morbid introspection, cannot be overestimated. All questions pertaining to the treatment of the patients have been discussed so fully in my previous reports as to render any further comment unnecessary. The past year has failed to bring forth any startling discoveries; new specifics for psychic maladies have not been placed within our reach, in short our patients have been dealt with along established lines; their physical ailments have been relieved, faulty nutrition has been corrected, and their psychic selves have been brought under influences as favorable as circumstances would allow. Of the latter, the need of sufficient living space ranks foremost. I have expressed myself on that score so often and so forcibly in the past, that our needs in this direction should be pretty generally understood. Recently some comment was made, which conveyed the impression that we did not fully appreciate the urgency of the situation. Here is what I said in my second annual report for the fiscal year 1896, 1897: "In my effort to emphasize the urgent needs of this institution, I shall dip, as a matter of course, into the past, being satisfied that 'constant drops of water do wear the hardest stone.'" Last year, I spoke of the overcrowded condition of this hospital in the following language: "I think the need for additional buildings is fully understood by those interested in the welfare of the institution, still I deem it proper to call your attention to the difference between a hospital for the insane and one for the physically sick.

"Air space and bed space do not represent all our wants; what we need fully as urgently is an abundance of living space, *i. e.*, actual elbow room. A ward crowded to overflowing with violent or aggressive cases, gives at any and all times, occasion for dangerous friction, besides throwing together patients who, by their training, moral habits and intellectual endowments, are as incompatible as oil and water."

"I fervently hope that the day will soon dawn which will bring the much needed relief to these unfortunate creatures who are charges on public charity,

not of their own free will. It is society's sacred duty to compensate these creatures for the ostracism imposed upon them through no fault of their own." "In the light of our present views, it is nothing short of criminal to allow tuberculosis patients to commingle with the physically well, but here, as everywhere else, I am unable to institute changes until our buildings are enlarged."

These words were penned at a time when the daily average of the patients was 380. The institution houses to-day, 481 patients, and the daily average is computed at 446, with a prospect of gradual but certain increase, and no relief in sight. What else am I expected to do but to point the finger of indignation at this distressing state of affairs? If I had the power and opportunity I would shout my indignation from the very housetops, but to what purpose? Is it not another instance of the lonely voice dying away in the vast expanse of the desert? Grand juries, commissioners of charity, city officials, bodies of citizens of all kinds and complexions, have time after time placed their seal of condemnation on the existing conditions, and still we are as far removed from the goal as we ever were. True, there is a certain class of people steeped in utter ignorance of the actual requirements of a hospital for the mentally afflicted, a hospital filled at times with wildly maniacal patients whose recovery is chiefly assured by complete isolation in the rooms, — not cells, as popularly believed, — who proclaim that a building originally intended for not over 330, should be prepared to take care of 560 patients. Such people, and their number is few, remind me of the housekeeper who, in wielding the broom, aims studiously to conceal from view the sweepings, under the sheltering cover of divers pieces of household furniture. To these people the insane are sweepings gathered from amidst society to be thrown out of view behind locks and bars; once safely removed, the poor devils may get along as best they may.

Some steps must be taken to give relief as soon as possible, considering that the daily average of patients treated has been growing steadily as may be judged from the following figures (in round numbers): —

In	1895–96,	the	daily	average	was 380.
"	1896–97,	"	"	"	" 446.
"	1897–98,	"	"	"	" 516.
"	1898–99,	"	"	"	" 554.
"	1899–'00,	"	"	"	" 631.
"	1900–'01,	"	"	"	" 659.

All these patients were housed in a building intended to hold but 330.

Just at present the World's Fair, to be held in 1903, in celebration of the Louisiana purchase, is a favored topic among our patients and ourselves. Strong hopes are entertained that, while our city will expend large amounts of money under an amended charter for divers permanent appointments, some crumbs may fall from Dives' table in the direction of our eleemosynary institutions. At the election at which the Charter Amendments are to be voted upon in the near future, the citizens in general, but particularly those of moderate and small means, should be impressed with the fact that our institution does not harbor mainly paupers; its population is to a great extent composed of a class of people that is wage-earning almost to the day of their admission and not infrequently is possessed of some taxable property but without a sufficient income to meet the demands made by a private hospital of this kind.

Before entering upon a discussion of the appended statistics tables, I will

plead guilty of having been tempted to abandon entirely some of these tables which, year in and year out, are ground out by the annual grist mill, and which help to swell the mass of positively useless, nay, harmful material. I call it harmful because its perusal not rarely leads to false deductions. I allude here to tables that contain information as to nativity, religion, civil condition and occupation of the patients admitted to the hospital. These tables are at times taken to mean that there is some casual relation between the patient's disease and his nativity, religion, etc. The danger of such interpretation was pointedly illustrated when a gentleman endowed with superior intelligence, addressed a card to one of our local newspapers after having carefully perused my annual report for the year 1896–97. From it, he had learned that of 158 women admitted during that year, 104 were classified as domestics. These figures suggested to him the propriety of sounding a note of warning to our housewives whose treatment of their servants seemed responsible for such an alarming preponderance of insanity among the latter. Table No. 9, of the present report, shows that of the total of 201 insane women admitted, 129 appear as having done domestic service; of the 235 men admitted, 67 were common laborers. We should not be unmindful of the fact that a charity institution located in the heart of a large municipality, draws chiefly upon the more lowly strata of society. For the same cogent reason, do we meet in the State hospitals of farming States, a large number of farmer's wives, while in New York State, for instance, out of a total of 20,994 women admitted between October 1, 1888, and September 30th, 1897, only *seven* appear as having followed agricultural and pastoral pursuits. Local conditions determine the character of the population in public insane hospitals, and I am of the opinion that the occupation of the individual patient has in reality no connection with his or her psychic malady. When a house painter becomes insane, the cause is not to be sought in the mere performance of his daily labor, but in the poisonous effect produced by the lead-laden paints which he handles, in short, we face here a case of drug-poisoning differing in its manifestations, but analogous in nature to poisonings by alcohol or morphine. European statistics point to the existence of insanity to an alarming degree, among the soldiery, particularly the commissioned officers: no one should be misled into the belief that military life, as such, has much to do with this fact: excesses of all sorts, — with their natural allies in the shape of sexual diseases, — incident to military life, are the real, determining factors in this instance.

It is my firm belief that the civil condition plays but an unimportant role in even remotely causing insanity. The incidents and accidents in any individual's married or single life, are so varied that no deductions can be made from such vague, statistical material. An examination of Table No. 13 and the corresponding tables in former reports, may possibly tempt some to jump at the conclusion that native Americans are more frequently sufferers than the foreign-born citizens, as the former by far outnumber the latter. A simple, arithmetical calculation establishing the proportion between the numbers of insane belonging respectively to one or the other class, will easily prove the utter fallacy of such a contention. If it has been found that the idle lazzaroni of Naples furnish smaller quota to the sum total of the world's insane, than the Irish peasantry, it is because the picturesque Italian of that type is able under the blue skies of sunny Italy to eke out a half-way comfortable existence on next to nothing, while the Irish peasant must often face absolute starvation and innumerable hardships, — in short nativity bears no relation whatever to

insanity. Regarding religious creeds, I have stated in a previous report that, the fact of our having such a large number of Catholics among our patients, is readily explained when we consider that St. Louis counts as its citizens a great many members of this particular denomination. A healthy, religious trend without a taint of morbid emotionalism, certainly does not lead to the development of psychic disease. The so-called "religious" mania afflicts, more often, persons who have led lives devoid of all religious scruples, — for instance confirmed drunkards, rakes and prostitutes. In Table No. 15 appear as probable causes of insanity; puerperium, trauma capitis, insolation, infectious diseases, overwork. Experience has taught us to regard these as agencies, productive of changes that effect in some particular way, the psychic centers of the brain. The exact nature of the morbid process, remains to be explained by the scientific workers. For the last five years, from 1897 to 1901, we found these causes in the following percentage of cases, — the total of admissions having been 1889, — 949 men and 940 women — during that period: —

Puerperium	29	3 per cent.
Trauma Capitis	160	8½ "
Insolation	27	1½ "
Infectious diseases	84	4½ "
Overwork	5	¼ "

Table No. 16 shows alcoholism and syphilis as causes. This is the result given by summing up the statistics tables for the past five years, in a total of 949 men and 940 women admitted.

In men:

Hereditary alcoholism	87	8½ per cent.
Acquired "	263	28 "
Both "	22	2½ "
Hereditary syphilis	4	½ "
Acquired "	52	5½ "

In women:

Hereditary alcoholism	87	9 1/10 per cent.
Acquired "	46	5 "
Both "	5	½ "
Hereditary syphilis	15	1 4/10 "
Acquired "	40	4 3/10 "

Table No. 17 represents a feeble attempt to throw a side-light on the all important question of insane heredity. The striking ignorance, real or feigned, among our informants as to their family histories, stamps the value of such investigation as exceedingly questionable, to say the least. Still, the evidence gathered by statisticians over a long period of time and in all parts of the civilized world, unmistakably points to the fact that the hereditary soil is an essential element in the development of psychic maladies. Try as we may, we cannot get away from the conclusion that not a human creature ever escapes the imprint of its ancestry.

The summary for the past five years shows the following results:—

	MEN.			WOMEN.			Total of Ascertained Heredity.
	Present.	Absent.	Not Ascertained.	Present.	Absent.	Not Ascertained.	
Paternal	67	455	427	87	529	324	154
Maternal	47	468	434	113	490	337	160
Paternal collateral	38	466	445	44	575	321	82
Maternal collateral	47	481	421	46	567	327	93
Sister or brother	64	446	339	109	517	317	173

i. e., in 1889 cases the hereditary taint was ascertained in 662, or 35 per cent, which simply proves my contention that the data elicited are absolutely unreliable, as the percentage should be very much higher.

As unimproved, 88 patients, 44 men and 44 women, were discharged. Many of these were taken from the hospital in the face of my protest. To their number belonged several epileptics, most of whom have been returned to us shortly after their release.

We transferred 90 patients, 47 men and 43 women, to the Insane Department of the Poor House. I have frequently expressed the hope that this department may be abolished by the removal of the paupers to another abode, and that in this way the insane at the Poor House may become the beneficiaries of scientific medical care.

41 patients, 18 men and 23 women, were discharged as recovered, while 63 patients, 34 men and 29 women, left us very much improved with almost certain prospect of recovery. At this juncture, it is proper to point to the fact that a hospital which returns over one hundred human beings to active life and their homes within the limits of one year, should not be looked upon as a "hopeless graveyard." I shall say further, that with better facilities, the results would grow proportionately.

Table No. 18 shows that we had 97 deaths among 1037 patients treated within the year, i. e., about 9 4-10 per cent.

Dementia Paralytica (Paresis) carried away 36, Tuberculosis 10, Senile Debility 13, Encephalitis 9.

We were again singularly free from infectious diseases: One case of Diphtheria developed in one patient at the time of his admission, but the disease was not allowed to spread. The success of our isolation is nothing short of a miracle, considering the overcrowding of the wards and the absence of a separate infirmary.

Six years of my activity at this institution have rolled by. I may be allowed to give a short resumé of the administrative measures taken in the course of this period. An occasional retrospect inspires one with a feeling of unbroken continuity, and helps to shape the future course of the management. After all, what are our annual reports but balance sheets showing on the debit side our demands and expectations, while on the credit side figure the actual achievements? It seems natural that, in the course of human events, the former should invariably outbalance the latter, not because our wishes were visionary, but because prevailing conditions, chiefly of a financial nature, were against us. The unceasing cry for money and still more money may impress our long suffering legislators as sordid and rather monotonous,—still they

well know that without the necessary financial support, no institution can be kept anywhere near par. A poorly furnished, illy-painted institution leaves an unfavorable impression upon official and non-official visitors; within their heart of hearts, they place the entire blame at the door of the immediate management, and the most profuse explanations will rarely explain when once the minds are steeped in prejudice. I have been taught through personal experience, how little the casual visitor penetrates beyond the surface of institution life. The justice of this observation has repeatedly been proven to me by the eulogies heaped indiscriminately upon two institutions which differ in spirit as day does from night. The subtle influence that renders the lives of inmates tolerable and attractive, that peculiar "je ne sais quoi" of the French, — are only appreciable after a lengthy sojourn within institution walls. Here surface appearances may and often do deceive the uninitiated, to whom the glittering counterfeit has the same ring as the true metal.

From among the changes wrought, I point with special pride to the disappearance of the unsightly landmark of the old county farm, the dilapidated rock wall; it has yielded to the picks and wedges in the hands of our own workmen. It is a pleasure to note the vim and vigor with which our friends set to work when their labor leads to the embellishment of their temporary home. An enthusiasm unseen in paid laborers, acts as a vis-a-tergo while a spirit of good-natured humor pervaded the crowd occupied with "breaking rock." A neat, low fence made of wrought iron, rises along the entire frontage of the grounds, which allows an unobstructed view of the pretty landscape, its main purpose being to play the role of a barrier to two and four-legged interlopers. This purpose has been fully attained by the substantial, not unattractive board and wire fence erected on the east and west sides of the grounds, all nicely painted by home labor. The imposing iron flag-pole erected in the middle of the campus, the new trees and shrubs, the bountiful yield of the new greenhouses in the shape of various flowers, the home-made comfortable garden benches, the well-kept paths covered with cinders and sprinkled by means of a sprinkling cart, the lawns are kept green and well-mowed, all cottages freshly painted, croquet grounds and base-ball park well laid, and, last not least, the removal of the abominable airing courts fastened in the patients' memory as "bull-pens," — all these have done their share toward adding beauty to our immediate surroundings. An open-air pavilion to top off the summit of the hill, has been erected by home labor at a nominal cost. Our efforts were not by any means exhausted on the front part of the grounds. In the rear of the main building, you find a new machine and blacksmith shop, a new wagon shed, the stable thoroughly repaired and fenced in, all old fences removed. Some of the dilapidated sheds in the rear of the stable were torn down, as they appeared to exist solely for the purpose of sheltering a host of rats.

As important as the improvements on the ground may be, they do not rank with improvements in the interior of the dwelling places; I think that we need not shrink even here, from the eye of the investigator. The rear building with its freshly painted walls and woodwork, new ceilings, window-shades and fly-screens, presents as respectable an appearance as its natural capacity for improvement would allow. The exhaust-fan and rotatory fans over the ranges, have made the life of our kitchen help more tolerable; a new and roomy kitchen and two new and well-built ice-boxes have proved a valuable addition to our culinary department. The frame cottages which shelter eighty male

patients, have been newly floored and roofed, the bath room floor was cemented and the inclosed porch on the west side was supplied with five radiators, so as to render it inhabitable through the cold season. In the administrative part of the main building, the plastering has been extensively repaired at considerable expense. The dull gray paint of the walls has given way to a pleasing "old rose," while the woodwork and ceilings received coats of colors in artistic harmony with the tint of the walls. A reception and card room has been prettily furnished, new furniture placed in the reception rooms downstairs, the old and still serviceable furniture made presentable by paint and varnish. In the entertainment hall, a roomy stage was erected by our home labor, and three different shifts of scenery designed and painted by one of our patients; pretty pictures ornament the walls of the hall.

The patients' quarters have received constant and special attention. The bath rooms and halls have been freshly painted; on two of the women's wards the bath-tubs were screened off by substantial partitions; all bath-tubs have been immobilized by means of heavy gas-pipe; new basins and flushing tanks were put in. Small tables with a seating capacity of four, new rather ornamental chairs, appropriate pictures on the walls, all these changed materially the appearance of the dining rooms. Four of the wards with their pretty pictures, easy chairs and benches, book-shelves, pianos, white-painted bedsteads, supplied with white bedspreads, white curtains, flower stands and vases, have lost their former dreariness. The changed appearance of the wards can be appreciated only by those who, like yourself, had the opportunity to compare the "before" and the "after."

In the engineering department, the improvements were numerous. I will but mention that all steam-pipes throughout the entire building have been covered with heat-insulating material, new pumps and a house-tank bought; fire-plugs placed in accessible portions of the grounds; seventeen filters have been distributed through the buildings.

The patients' diet has received careful attention, and was made as varied as circumstances would allow. Many a patient who would rather starve than eat the common diet, is supplied from our tables. The amount of milk used has been trebled, and eggs were given without stint whenever indicated. The drug-store was kept supplied with the most costly concentrated foods so essential in the treatment of faulty nutrition.

From the foregoing, you will have learned that we have honestly striven along the path of progress. This has been done with proper regard to economical management; the increase of our expenditures is fully accounted for by the marked increase of daily average of patients sustained at the hospital. In the following I beg to submit to you my financial recommendations for the ensuing fiscal year, of which every single item has been carefully considered and closely estimated.

A. GENERAL APPROPRIATIONS.

I.	For salaries	$34,700 00
II.	" groceries	65,000 00
III.	" dry goods	10,000 00
IV.	" drugs	2,590 00
V.	" forage	1,500 00
VI.	" labor	3,500 00
VII.	" entertainment	600 00
	Total	$117,800 00

B. SPECIAL APPROPRIATIONS.

I. An electric light and power plant..... $22,000 00

In a letter to you, dated July 13, 1896, i. e., in the second year of my administration, I said, regarding this important subject: —

The annual report of the City Lighting Department for the fiscal year ending April 8, 1895, shows the cost of lighting for the three institutions on Arsenal street, to have been respectively, as follows: —

Insane Asylum.....	$3,407 72
Female Hospital.....	2,074 54
Poor House.....	3,140 01
A total of.....	$8,622 27

was expended for lighting purposes.

The contracts for city lighting expire in 1900, and I believe that this is a good opportunity for urging the erection of an electric plant on the Asylum grounds which would supply the three institutions, representing in the aggregate, a population of about 2,100 heads, that is a population of a good sized township, with the necessary lighting.

The reasons which I deem all-sufficient for the erection of such a plant may be summarized as follows: —

First. The cost of lighting will be lowered, and this to such an extent as to pay for the original investment in the course of a few years. We pay now for many lamps which are used only on certain occasions.

Second. The institution would not be thrown in darkness by every hitch in a system so large as to make such hitches comparatively frequent and unavoidable. As we must depend upon a single lighting medium, this point is of incalculable importance to us.

Third. We would receive better service, as the generation of the power would naturally carry in its wake the ability of its proper regulation. A voltimeter, at a cost of $75.00 each, could be supplied to each of the three institutions, and the readings at any time transmitted by telephone to the engineer in charge of the plant. The voltage would unquestionably approach the prescribed standard with greater precision than it does under the present system.

Fourth. We would be able to supply moderate motor power in case it were needed for the running of small machinery, as fans in the kitchen, laundry, etc., etc.

This scheme is perfectly feasible and should be acted upon at once, as the plant should be ready for operation on the first of January, 1900.

At the last named date, I took up again the agitation, and hope that it will result in giving us this much needed improvement.

2. Patients' bedsteads, furniture and furnishings, including a pianola. Estimate.....	$1,250 00
3. Complete renewal of cold water-main from engine-room to tanks and branches for other portions of the building. Estimate.....	1,425 00
4. New drying-room for laundry. Estimate.....	1,100 00
5. New ringer with foundation. Estimate.....	400 00
6. Repair of laundry machinery. Estimate.....	175 00
7. One valve-receding machine. Estimate.....	100 00
8. Radiators for central building, and cottage with new steam and return pipe and covering pipe. Estimate	800 00
9. Repair of boiler feed pump, new brass lining, new brass valves and seats, new valve and piston-rods. Estimate.....	90 00
10. Boiler furnaces relined with fire-brick, all side and rear walls, where cracked and out of line to be rebuilt, new cast iron door liners. Estimate.....	300 00
11. Repair of food elevators and wire cages for same. Estimate.....	135 00
12. Eight water-closet flushing tanks relined with 4 lb. lead and new trimming; five urinal-tanks relined with 4-lb. lead. Estimate.....	315 00

$13.	Repair of west porch at cottages. Estimate.....	600 00
14.	Repair of roof and guttering and rear building. Estimate.....	200 00
15.	Repair of plastering. Estimate.....	200 00
16.	Wood-working machine. Estimate.....	90 00
17.	Repair of flooring.....	50 00
18.	Doors and window frames. Estimate.....	230 00
19.	New sink in basement with plumbing complete. Estimate.....	75 00
20.	Repairs of old drying-room in laundry. Estimate...	100 00
21.	Trees and shrubs. Estimate.....	100 00
23.	Six air beds Estimate.....	150 00

In conclusion I thank you and every one who has assisted me in achieving the results outlined in my present report.

Respectfully submitted,

(Signed) EDWARD C. RUNGE, M. D.,
Superintendent.

To MAX C. STARKLOFF, M. D.,
Health Commissioner.

VIII.

FEMALE HOSPITAL.

Staff and Employees.

N. J. HAWLEY, M. D.....Superintendent.
Fred. J. Taussig, M. D., Assistant Superintendent, June 1, 1900, to Dec. 31, 1900.
Geo. G. R. Kunz, M. D., Assistant Superintendent, Jan. 1, 1901, to Mar. 31, 1901.
A. S. Bleyer, Jr., M. D.....Junior Assistant Physician.
Emil H. Henckler, M. D.....Junior Assistant Physician.
Chas. E. Gimbel, M. D.....Junior Assistant Physician.
Milton O. Stemmler, M. D.....Junior Assistant Physician.
Zay Little, M. D.....Junior Assistant Physician.
Abe Iralson, M. D.....Junior Assistant Physician.
Norman Windsor, M. D.....Junior Assistant Physician.

Chief Clerk.

F. W. Bredemeyer.

Druggist.

Albert F. Kauffmann.

Engineers.

John D. Watkins, Chief. Henry Wagner, Assistant.

Cooks.

Thomas Monks, Chief. Thomas Tynan, Assistant.
Julia Hart, Assistant.

Day Nurses.

Maggie McLaughlin,	Kate McDermott,	Annie A. Gray,
Annie Maurer,	Martha A. Cooper,	Lizzie Coleman.

Night Nurses.

Josephine Lawrence, Mary Waters,
Hattie Painter, Marie C. Curran,
Eva Beardsley.

Assistant Nurses.

Dora Lawrenson,	Etta E. Tubbs,	Addie Dempewolf,
Alice Fleming,	Lucy King,	Camilla Fleetwood,
Nellie Moran,	Lucy Parker,	Harriet B. Bauer,
Mabel Cooper,	Lulu Woodruff,	Alice Triplett.

Bertha Keim, Matron. H. C. Watkins, Storekeeper.
James Hayes, Carpenter. Frank Fink, Fireman.
William Stevenson, Night Watchman. Fred. Wendt, Gardener.
Wm. F. Dependahl, Plasterer. Minnie Lawrenson, Seamstress.

Laundresses.

Mary Daily, Chief.
Kate Dineen, Assistant. Annie Stevenson, Assistant.
Mary Maycock, Assistant. Hattie Lagan, Assistant.

First-class Help — Male.

Matthew King, Albert Jahnsen.

First-class Help — Female.

Katie Roach, Julia Eagan. Kate Connor.

Second-class Help — Male.

Charles Laundmann.

Second-class Help — Female

Mary Hart, Amanda Carlson, Maggie Connor.

Third-class Help — Male.

Henry Lohse, Andrew Meek,
George Monken, Henry A. Miller.

	Appropriations.	Balances.	Overdrawn.
For Salaries	$21,450 00	$114 58	
" Groceries	22,000 00	305 00	
" Drugs	3,400 00	9 16	
" Dry Goods	3,250 00	40 19	
" Forage	1,350 00	29 80	
" Labor	1,650 00	71 72	
" Sundry Repairs	2,000 00	2 31	

ANNUAL STATEMENT.

DEAR SIR: — I have the honor of submitting to you herewith the twenty-fifth annual report of the St. Louis Female Hospital, the same being for the year ending March 31, 1901.

There were 2392 patients cared for during the year. The number of patients remaining in the Hospital April 1, 1900, was 226, the number admitted during the year was 2166, and the number of children born in the Hospital, but not included in this enumeration, was 355.

The tabulated portion of this report gives in an alphabetically arranged table the various diseases and injuries treated and results obtained.

The other tables show further details regarding the patients — the number admitted, discharged, deaths, births, social condition, ages, nativity, occupation, daily averages, financial balance sheet and leaves of absence granted during year.

In submitting this report I regret to say that but little has been accomplished in the way of improvements and repairs during the year. The list of recommendations for special improvements and repairs did not receive any attention from the Municipal Assembly and the various accounts of the general appropriation were cut so low that but very few improvements could be made and it was a very hard matter to manage properly to provide for the many unfortunate sick that have to be cared for during the year.

The following improvements and repairs should be provided for this year: —

1. One story frame building, including heating apparatus. Approximate cost..... $2,500 00

This building is needed for patients suffering with contagious diseases in which to isolate them. At the present time, there are but two small rooms in the main building, which can be used as isolation wards, and these can accommodate but four patients. Very often there are fifteen or twenty cases of various contagious diseases here at the same time. It is impossible to isolate them properly, and I am compelled to move patients from several of the large wards and have them sleep on folding canvas cots in the halls, to give room for this class of patients. Then again these wards will not do to properly isolate patients

and it is a very hard matter to spare the large wards, when the hospital is crowded.

During the year when the isolation wards were crowded, several patients were admitted, who had been exposed to a case of variola at the Central Dispensary while waiting to be transferred here. At the time the isolation wards were crowded, but room had to be provided for these cases. One of the patients exposed, developed variola and was transferred to the detention ward at the Dispensary.

To relieve the danger and crowded condition of the Hospital, a one-story frame building would accommodate these patients and would prevent the present imminent danger of a severe epidemic of various infectious diseases. According to the Commissioner of Public Buildings this building can be erected for $2,500.00.

2. Two additional rooms for male employees' quarters.
Approximate cost..... $300 00

Additional room will have to be provided for the accommodation of male employees, as the building which is used at the present time has but two rooms and cannot accommodate more than six persons, when room is needed for twelve. The building is in fair repair and if the two additional rooms are built it would provide the room needed.

3. Pointing up brick walls and staining main hospital building. Approximate cost..... $700 00

The outside walls of the main hospital building should be tuck pointed and stained; this should be done to strengthen the walls and it would greatly add to the looks of the old building. The mortar between the bricks is loose and a good deal of it has fallen from them, as it is rotten and weather beaten. This work should have been done two years ago, when an appropriation was allowed for the painting of wood work, etc., but the amount was not sufficient to include the pointing up and staining of the brick walls. This work is absolutely necessary and should not be delayed any longer.

4. Sewer connection from tunnel to main cesspool.
Approximate cost..... $40 00

The sewer connection is to drain all water from tunnel, as at the present time the water has to be pumped out. The sewer pipes near the tunnel are too high for this water to be drained into; connection will have to be made to the main cesspool on the west side of hospital building. If a pipe should break it would flood the main hospital building.

5. Plumbing, southeast wing main hospital building, including dining-room sinks and renewal of sewers in basement. Approximate cost..... $3,000 00

The plumbing system was changed with the exception of the south wing of the main hospital building and the various dining rooms. This could not be done last year as the money available for this work was too small to change the entire system. The above amount will be required to put in a complete system and for the above amount it can be done, which will include the renewal of all sewers in basement.

6. New sheet iron tank for return water from radiators.
Approximate cost..... $250 00

The present large sheet iron tank for return water from radiators is rusted so badly, that it will not last another winter and it will have to be replaced

with a new one. The water from this tank is used to supply the boiler. The engineer states that a much smaller tank will answer. $250.00 will pay for the tank needed.

7. Fence for north and east side of hospital grounds.
Approximate cost..... $375 00

This improvement has been asked for many times and it should be granted this year without fail. This picket fence is needed to replace the present old dilapidated barb wire fence on the north and east side of the hospital grounds. The posts are rotten and the base is worn out. It has been repaired time and time again. It should be replaced with a common picket fence this year, as the gardener has had a good deal of trouble for the last few years to keep the children out of the garden; it being almost impossible for him to make use of the ground on this side on account of the damage they do every year.

8. Asbestos covering. Approximate cost..... $160 00

The ceiling of the dry room in laundry should be covered with asbestos. This should be done to prevent fire, as the laundry is located in the basement of the main building. The old plaster ceiling becomes dry and falls. Covering of 200 ft. of 2 1-2 inch water and steam pipe is needed to keep the water from dripping about the floors. The hot water heater in engine room should be covered with asbestos. The heater supplies all hot water and if covered would help to keep the water warm with less steam. All the covering needed can be done for the above estimate.

9. Granitoid floor for operating room. Approximate cost.. $200 00

The floor of the operating room should be granitoid. This is to replace the old worn-out pine wood floor. The operating room is located on the third floor and if the granitoid floor is put in it will have to be braced and arched on account of weight before the work is started. According to the Commissioner of Public Buildings, the work can be done for the above estimated amount.

10. Fire hose. Approximate cost.....$600 00

Six hundred (600) ft., of 2½ inch rubber fire hose is needed to replace hose on back fire escape which is worn out. Where this hose is needed is the main supply pipe in case of fire, and the hose is required to be there by the Board of Fire Underwriters. It would be advisable to replace this hose with the same kind on account of it being more or less exposed. To obtain this hose it would cost $1.00 per foot.

11. New range for employees' kitchen. Approximate cost..$275 00

The present range in the employees' kitchen is worn out and it is too small for the large amount of work. To repair the old range would be almost as expensive as a new one, therefore I think it advisable to replace same with a new one. By taking the old range back they will allow $50.00; this will make the new range cost $275.00, which includes the putting up of same and putting in hot water heater and hot water backs.

12. Laundry machinery. Approximate cost.....$650 00

The laundry is badly in need of several new machines. A new washer and sterilizer combined is needed to replace an old wooden washer, which is badly worn and which fails to do the work. The present extractor is out of order and will not allow any further repairing. Six enamel wash tubs are needed to replace the present old iron wash tubs, which have seen their service, having become so rusted that they cannot be used any longer. These items can be obtained for the above amount.

13. Enlarging green house and the repairing of same.
Approximate cost.....$600 00

The green house needs repairing and enlarging. The present building needs quite extensive repairs, all the frames and sashes will have to be replaced with new ones. It should also be enlarged so that the gardener would have more room, in order that he may raise all of the early and late plants, in addition to flowers, etc. The present building can be repaired and the needed addition can be built at the above cost. If the above amount is not allowed for the repairing and building addition, some provision should be made to repair same. $200.00 will be needed to repair same.

14. New beds. Approximate cost.....$500 00

One hundred (100) new beds are needed to replace the old wooden frame beds, which are used at present. The springs are rusted and worn out and it will not pay to repair them, as they are of an old style and have the wooden frame. About one hundred are needed and which can be obtained at a cost of about $500.00.

My financial recommendations for the running expenses for the fiscal year 1901–1902, are as follows: —

Salaries.....$21,900 00

The amount asked for this account is an increase of $450.00 over amount allowed last year. This amount will be needed to cover expenses for the present number of employees during the year. Last year I had to dispense with the services of a number of nurses, at the time they were needed, in order to stay within the amount allowed. This amount should be allowed, as the present force of employees is needed.

Groceries.....$25,000 00

The cut made in this account last year was entirely too much, it being cut from $24,000.00 to $18,000.00. Four thousand ($4,000) dollars additional had to be provided and with the additional amount allowed, the expenditures were $2,000.00 less than the year before, and to accomplish this I was compelled to cut down the diet lists of patients and employees. For the number of patients to be cared for, the above estimate is as low as possible, and to give them the necessary diet which they should have, the amount estimated will be needed.

Drugs.....$5,000 00

Five thousand dollars will be needed for drugs, so as to provide the necessary medicines, supplies and instruments. It was necessary during the past year to cut off medicines, which were needed very much, in order to stay within the small appropriation allowed. This is absolutely wrong to deprive the unfortunate sick from receiving the proper amount of medicine which they are in need of. Instruments and supplies which were very urgently needed could not be obtained and I had to manage the best possible way, so that the most needed drugs could be supplied.

Dry goods.....$4,500 00

The account of dry goods last year was also very small and things which were very much needed could not be obtained. House furnishing goods and furniture could not be ordered to replace the old worn out furniture about the hospital. I have included in this estimate a sufficient amount to purchase them, which will enable me to replace the furniture, to purchase new carpet for assistant physicians, linoleum for office and for several dining rooms. These are but few

of the many house furnishing goods needed, but the full amount asked for must be provided to obtain them.

Forage.....$1,400 00

This amount will be needed, for there are a good many items needed that will have to be paid for from this account.

Labor.....$2,000 00

This amount is absolutely necessary and should be provided to keep the old building in repair. A good many repairs will have to be made this year, especially the old main hospital building. The cornices, gutters, spouting, painting of the interior of the hospital, such as wards, halls and employees' rooms. The heating system needs quite extensive repairs, new piping and new radiators, valves, etc.

The floors about the main hospital building are worn out and new floors will have to be put in the halls, employees' rooms and wards. To keep the building in proper repair this amount should be allowed.

In concluding these recommendations, I wish to call your attention to the need of a new operating room and wards for the care of surgical cases. The only room for the care of surgical cases is next to the operating room on the third floor. It can accommodate but three patients. Very often there are a good many cases which require an operation here at the same time, but I have been compelled to have them wait until patients are well enough to be moved into one of the large wards. The large wards on the third floor are used for the care of medical cases and will not answer for the care of surgical cases.

A two-story brick addition should be erected next to the obstetrical building on the north side. If this was done, an operating room could be located on the second floor and the other available space could be used for the care of all cases after operation. If this addition could be built it would give us an up-to-date operating room, with a good deal of light on the north side. It could be very easily arranged not to interfere with the obstetrical building.

I also again wish to call your attention to the name of this institution, and I would suggest that it be changed from the St. Louis "Female Hospital" to the "Woman's Hospital." I respectfully recommend that some action be taken in order that this may be done.

I wish to thank you for the cordial support you have given me the past year.

I also wish to thank the officers and employees of the hospital for their efficient work throughout the past year.

Respectfully submitted,

N. J. HAWLEY, M. D.,
Superintendent.

DR. MAX C. STARKLOFF,
Health Commissioner.

IX.

POOR HOUSE.

Staff and Employees.

E. G. REMMERS.....Superintendent.
A. H. Myerdick, M. D.....Assistant Physician.
J. M. Brady, M. D.....Assistant Physician.
F. A. Lane, M. D.....Assistant Physician.

Chief Clerk.

Henry Kropp.

Matron.

Clara M. Remmers.

Engineers.

Ben Wagner, Chief. Edw. Price, Assistant.

Cooks.

Wm. Hern, Chief.

Bean Eeanes, Assistant. Jos. Larkins, Assistant,
Luther Reno, Assistant. C. McAndrews, Assistant.
A. M. Sloan, Assistant.

Fred Ziegenhein, Storekeeper. Adolpf Barfus, Whitener.
C. E. Nicholson, Carpenter. H. Wm. Doering, Outside Night Watch.
Jos. Jordan, Whitener. Thos. Ownsby, Plasterer.

Supervisors.

H. S. Traux, Margaret Sharpe.

Head Attendants — Male.

Wm. D. Campbell, John Cahill, John Quigley.

Head Attendants — Female.

Theresa Beile, Kate Meegan, Lizzie Phillips,
Ada Kennel, Mary Quigley, B. McCullough,
Mary Callaghan, Mollie O'Rourke, Libby McMickle.

Night Watch — Female.

Ruth Fleetwood, Annie Jobson, Cora Buffington,
Mamie Wedler, Pauline Goetz, Pauline Malilitz.

Night Watch — Male.

Henry Johnson, Albert Smets,
H. Vonder Wal, Julius Pfenninger.

Attendants — Male.

Chas. Beiersdorf, Owen Finnegan,
Martin Hoell, Otto Greiner,
Chas. Monicke, Jacob Kramer,
Martin Jahnsen, Fred Jenner,
Frank Slater, O. A. Miller.

Attendants — Female.

Ella Brown,	Clara Greenwald,	Emma Jacques,
Alice Donnelly,	Letitia Lockhart,	Lulu Kamer,
Martha Dennis,	Rhoda Moslander,	Mollie Winter,
Sarah Doran,	Theresa Seeger,	Mary Sheahan,
Emma Everson,	Jos. Sheehan,	Kate A. Elliot,
Kate Green,	Norah Wahl,	Annie Lenart.

Laundresses.

Dora Doering, Chief. Kate Moran, Assistant.
Kate VonWargowske, Assistant.

Firemen.

Thos. Callihan, Geo. W. H. Rauschkolb.

First-class Help — Male.

Chas. Schoenfeldt,	R. W. L. Dusing,	Wm. Moody,
Peter Kratz,	Isaac Baer,	C. K. Dyer.

First-class Help — Female.

Marie Tinsley, Katie Persinger.

Second-class Help — Female.

Lydia Kennel, Mattie Owens,
Lottie Herwig, Ettye Cohick.

Third-class Help — Male.

M. Freeberthyser.

Fourth-class Help — Male.

J. Morrisey.

Bakery.

Wm. Huber, Head Baker.
John Heaney, Assistant. August Held, Assistant.
Edw. F. Heller, Assistant. Adam Schoenberg, First-class Help.

Dairy.

Noah Weaver, Dairyman. Peter Kratz, First-class Help.

NOTE. — The dairy having been abandoned, the employees were discharged on June 1, 1900.

	Appropriations.	Balances.	Overdrawn.
For Salaries	$36,000 00	$ 42 35	
" Groceries	79,500 00	.....	$599 57
" Drugs	1,750 00	6 06	
" Dry Goods	9,000 00	.....	96 81
" Forage	1,550 00	108 09	
" Labor	4,000 00	.....	3 46
" Traveling Expenses	150 00	1 50	

ANNUAL STATEMENT.

DEAR SIR: — I have the honor to submit the twenty-fourth annual report of the St. Louis Poor House.

On the first day of April, 1900, there were present in the pauper department 733 inmates, 478 males and 255 females. During the year 470 were admitted, 388 males and 182 females, the whole number cared for being 1,203, 816 males and 387 females, the whole number cared for being 1,203, 816 males and 387 females. During the year 355 were discharged, 265 males and 90 females; 8

males and 1 female were transferred to the Insane Asylum; 93 died, 65 males and 28 females. The number remaining March 31, 1901, was 750, 483 males and 267 females. The average number of paupers present each day during the year was 749, 483 males and 266 females.

In the Insane department there were 884 patients, 344 males and 540 females. The number admitted during the year was 90, — 42 males and 48 females, the whole number treated being 974, — 386 males and 588 females. Seventeen (17) were discharged, 3 males and 14 females; 93 died, 52 males and 41 females. The number remaining March 31, 1901, being 863, — 330 males and 533 females. The average number of insane cared for each day during the year was 870, 334 males and 536 females.

I desire to call your attention to the recommendations and requests contained in my last annual report, several of which whilst being absolutely necessary and urgent, have as yet received no attention.

The entire exterior of the main building should be repaired and repainted at once. Every delay in this work will increase the cost of making the repair. More light should be provided for about the grounds to enable the outside nightwatchman to maintain stricter vigilance about the premises and that accidents may be avoided. A wagon-scale should at once be placed on the grounds to enable us to weigh all articles delivered to the institution and make certain that loads of supplies have not been tampered with after obtaining a weight ticket from a city scale many blocks distant. A plant of new "down-draught" boilers should at once be installed. The old ones now in use being inadequate and liable to give out, cause trouble and leave the wards without warmth during cold weather. More especially is this change desirable because of the poor quality of coal furnished, the greater percentage of which is actually dust and falls through the old-fashioned grate-bars into the ash pits, whence it is hauled to the cinder pile. In "down-draught" boilers the grates are so constructed that nothing can pass through them and all coal entering the fire-box must necessarily be consumed. To the query why the delivery of better coal is not insisted upon, I must simply answer that I have exhausted every possible means in my power to obtain this end, with so little success that the only remedy for the evil now rests in the recommendation above made. Certain it is that with a new set of boilers, such as I have named, better service could be obtained even with the poor grade of coal furnished and a great saving could be made on the quantity which during the last year amounted to nearly 8,500 tons. In addition to this an ice-plant of sufficient capacity to furnish the three institutions with ice could be profitably installed.

Provision should at once be made to permit of the rebuilding of the engineer's cottage. It is very unfair to expect our engineer to inhabit the old building much longer.

The sanitary and plumbing systems in the various buildings with the exception of a few repairs and alterations, are in the same out-of-date and dilapidated condition and should be replaced at once with such as are necessary in a modern institution of this kind.

Above all do I wish to urge the erection of a new hospital building. It is a crying shame and inhuman to compel the housing of our sick in the ramshackle building now used for that purpose. It seems a miracle that no serious accident has resulted from the falling of plaster from the walls and ceilings in this place, though there were several narrow escapes. To avoid severe criticism or

condemnation, this building is never shown to interested visitors. A new and modern hospital building with isolation wards and proper appointments is absolutely necessary and its erection should not be delayed.

A new and larger kitchen should be built; the old one being entirely too small and so located that all odors arising therefrom find their way into the corridors and wards.

My recommendations in regard to our dairy have only been approved as far as the disposal of the old herd of cows is concerned. A new herd has yet to be provided for and I hope this will be done soon. It certainly is a poor business proposition to purchase milk at 17 cents per gallon, the present contract price, when it can be produced at home for less money and of a better quality.

A public telephone should at once be placed in this institution. This would enable us to reach the mercantile houses with whom business is done direct, thus doing away with the old roundabout way of asking officials of other, more favored departments, to transmit messages for us.

The general appearance of the grounds has been greatly improved during the year by the addition of grass plots, lawns and flower beds. A fountain has been built in the center yard and is a source of much delight to patients and paupers.

Through the kindness of the Superintendent of the Work House, we have been supplied with macadam with which to reconstruct the driveways. It is a source of great pleasure to note the interest taken by the inmates in the work of improving the grounds and the valuable assistance they render in keeping the place in order.

A fire-escape has been placed on the west side of the female pauper building, giving the inmates a chance to get out in case of a holocaust. Because there was no further use for them, I had the 4 and 6 inch water mains leading across the field from the old asylum pump dug up and relaid about the yard. From these now rise 5 fire-pluge, kindly furnished by the Water Commissioner, giving chance to fight a fire from all sides, should such an emergency arise.

The "dead-house" in Pottersfield has been enlarged and a refrigerator placed therein.

The promenade for insane patients has been completed and is used whenever the weather permits.

A "bread-room" has been added to the baker building. This was built from old brick and material from the old City Hospital. Its dimensions are 12x16 feet and it has a cement floor. The entire cost of this addition does not exceed $25.00. The bakery has since received a coat of paint, greatly improving its appearance. The corridors in the male insane building have also been neatly repainted and the sleeping rooms will receive attention during the coming year.

A building for fumigation has been erected. In this I propose to have all clothing, reading matter, etc., needing disinfection fumigated.

In the same manner as above we have constructed from old material a porch in front of the male pauper annex, affording an opportunity for bed-ridden patients to be taken into the open air when the weather permits. It is my intention to construct a similar porch in front of the female pauper building. The benefits derived from these porches are immeasurable for these poor patients who cannot otherwise get out and to whom a few hours in the open air seems to give great pleasure. With this same object in view I had an inclosure constructed where the idiotic and epileptic boys, who were heretofore

continuously confined on the second floor of the hospital, can romp and play in the open air, only to return to their wards for meals and sleep.

I have dispensed with the regular Wednesday evening dance during the summer months. I am positive that the monotonous weekly dance is of no benefit to our patients. During the warm weather they return to their wards in an exhausted condition and their attendant's labors are taxed to the extreme. A scheme of entertainments, other than dancing, should be permitted and I am sure it would be better appreciated by the patients. Of the 850 odd patients only about ninety attend the balls; the balance are denied any part therein. With entertainments this would be different, since several hundred of them could attend without additional trouble or expense. Volunteer entertainers have been invited at times to come and break the monotony of our tiresome dances and the results were gratifying. It is bad taste, however, to impose upon the good nature of these entertainers any further without means of compensation.

It is impossible to conduct this institution with the amount of money appropriated for the past year. I do not consider it a credit to say that the running expenses were reduced some $20,000. The cost of maintenance per capita is now at its minimum and further savings cannot be made, as the stock of clothing, etc., on hand is exhausted and the garments in use have been patched so often that the original cannot be recognized.

The number of patients is on the increase, our capacity taxed to the limit and as soon as winter comes again, additional numbers will seek admission. Arrangement should therefore be made to house the people in some temporary building at least.

I respectfully recommend that great care be exercised in admitting paupers to this institution. It is my belief that we are to-day caring for quite a number of paupers whose friends or relatives are fully able to care for them or at least able to partly compensate the city for their care, but who find this a convenient dumping ground for aged relatives whom they do not care to support. This is an imposition on the city and if permitted will increase the percentage of pauperism. For example, a certain employee of the Fire Department having no taxable property had his aged mother brought to this institution as a pauper. When this became known, a gentle hint was given. She is no longer a pauper. We are also caring for a number of professional idlers who absorb the place and care of the more deserving ones.

That the caring for the indigent poor and the insane in one and the same institution is wrong in principle goes without saying. It is hoped that some means may be found by which the insane can be cared for in an asylum. That children should be confined with grown patients and chronics is wrong, and a separation should be made.

The name "Poor House" is a stigma on this institution and should be changed to "City Infirmary."

Too much care cannot be exercised in the selection of employees, especially those who care for insane patients. Above all else these employees should be humane, of a kind and courteous disposition and endowed with good judgment. If they possessed these qualifications, our book of rules and regulations could be consigned to the rubbish heap, for their judgment and disposition would direct them what to do and how to act.

I desire to recommend that the attendants of the insane be provided with other sleeping apartments. At present they sleep on the same wards with the

patients. After spending twelve or thirteen hours on duty, they are subject to all the disturbances and annoyances that may happen on the halls during the night. In order to render efficient services, these employees must have sufficient rest and this can only be had for them by providing sleeping quarters away from the wards.

It is my belief that better service could be had if we had three shifts of attendants of eight hours each. To serve twelve hours every day of the month but one, is too much and an employee's health soon gives out under these circumstances, or he becomes tired of the position. The consequence is a vacancy and this occurs so often that an experienced group of attendants is almost an impossibility, there being hardly an opportunity to become acquainted with some of the employees.

To you these matters may all be time-worn subjects; they are of such importance, however, that I cannot refrain from calling your attention to them and this I propose to do until some action is taken thereon.

I wish to express my thanks to the good missionary people, who have done immeasurable good by their untiring efforts to cheer up and brighten the hours of our unfortunates. Their visits are always appreciated and I hope they will continue in the future.

To the staff and employees who in their unceasing efforts are helping to raise the institution to a higher standard of perfection, and who are therefore entitled to many credits, I herewith desire to extend appreciation.

To you and the Honorable Board of Health for your uniform courtesy and ready response to our wishes, I am very grateful.

Yours very respectfully,

E. G. REMMERS,

Superintendent.

To Dr. Max C. Starkloff,

Health Commissioner.

X.

QUARANTINE AND SMALL-POX HOSPITAL.

Staff and Employees.

M. C. WOODRUFF, M. D. ..... Superintendent.
Jeannette Woodruff ..... Matron.

Nurses — Male.

J. R. White, Richard Hudson, Geo. Carey.

Nurses — Female.

Mamie Doyle, Mamie Powers,
Harriet Charlton, Mary Otterson.

Max Delarbar ..... First-class Help — Male.
Harry Hall ..... First-class Help — Male.
Wm. Ellis ..... First-class Help — Male.
Mary Dumphey ..... First-class Help — Female.
Martha Zufiee ..... First-class Help — Female.
Minnie Carey ..... First-class Help — Female.
Dora Avis ..... Assistant Cook.
Lena Scheeder ..... Assistant Cook.
Julius Hill ..... Fireman.
Annie Larson ..... Laundress.

	Appropriations.	Balances.	Overdrawn.
For salaries	$6,500 00	$50 25	
For groceries	7,700 00	.....	$2,067 00
For labor	500 00	99 45	
For infected bedding	1,500 00	220 15	

ANNUAL STATEMENT.

SIR:—I have the honor to submit the following annual report of this institution for the fiscal year ending March 31, 1901.

There were remaining at the beginning of the fiscal year two patients, and there were admitted during the year two hundred and twenty-four patients. Three deaths, caused directly by variola, occurred during the year; showing the very low mortality of one and one-quarter (1 1-4) per cent. The very low mortality bespeaks the light character of the cases. Why this is so I am at a loss to understand, especially among so many unvaccinated cases. The cases, though light in form, are identical with the more malignant forms, and in fact the malignant varieties have occasionally developed from the mild types, showing conclusively that no mistake could have been made in the diagnosis.

I have concluded after several years' observation, that the micro-organism of variola is located in the pustule thrown out by the blood corpuscle; if left to themselves, untreated, the organism is capable of extending the ulceration consequent upon the pustule, thereby destroying the true skin and producing a cicatrice, or what is commonly known as pitting.

I have found that an antiseptic strong enough to destroy this organism in the lesion prevents the ulceration and likewise the pits. The condition we find where the ulceration has been arrested is a papular one, which soon disappears, leaving only red spots where the epidermis is eroded; this will grow back in the course of a few months leaving no sign of the disease. Carbolic acid is the agent used to bring about this condition.

Eye complications have been a frequent contender during the year; something

entirely new in variola. Two distinct types have been noticed: namely, lesions or ulcers directly on the cornea, unaccompanied by inflammation. Also a general inflammation of the entire eyeball including the conjunctiva.

For the first condition, a suggestion offered by Professor Alt, of St. Louis, of dusting dry powdered iodoform in the eye daily has proven almost a specific. For the second condition, the yellow oxide of mercury with vaseline as a base, together with the exclusion of light by means of smoked glasses, soon brings about a normal condition.

I have also found that the frequent bathing in a bath in which there is mixed a quantity of permanganate of potash, sufficient to make the water a dark purple, both before and after convalescence, a valuable aid in hastening desquamation and preventing boils and abscesses, a troublesome and frequent contender in past years.

Owing to a scarcity of funds very few improvements have been made during the year.

Among the most important necessary, is the building and equipping of a suitable laundry. An estimate based on a talk with the Building Commissioner, puts the building and equipment at three thousand ($3,000) dollars.

Another important improvement badly needed is the heating of our wards, Nos. 2, 3, 4 and 5, and the patients' dining room. They are at present heated by soft coal stoves, which are entirely inadequate and a constant source of danger. One central steam heating plant at a cost of five hundred ($500.00) dollars would do this work.

Another important improvement very badly needed is the annexation of a bath room to each of these wards, Nos. 2, 3, 4 and 5. At present we have but one bath room which is connected with ward No. 1, where all patients, black and white, are compelled to bathe, and frequently it is impossible to bathe all those requiring it in a day. Our carpenter could make the necessary alteration in the wards at a small cost for material: the tubs and plumbing connections could be made at a cost of two hundred and fifty ($250) dollars.

Weather boarding is necessary for the outside of these same wards, which would cost the price of the material only; the work to be done by our own force. With these improvements we would have smallpox wards that would compare if not excel any in the United States.

I would again call your attention to the water supply of this institution, which is taken from the river below all of the city's sewers. The water is bad at all times, and there are times when it is positively unfit for use. To remedy this, I would suggest that an artesian well be bored, after which the cost of our water would be fifty per cent less than our present method of pumping from the river.

I cannot fail to again make mention of the condition of the road to this institution over which all patients must come. There is one mile and a half of it which was built by the City some fifteen years ago, since which time very little, if any, work has been done on it. With the co-operation of the Work House to furnish the labor, this road could be fixed at a time when there are no patients in the institution.

It is my opinion that from now until some time after the conclusion of the St. Louis World's Fair, this institution will be taxed to its full capacity. If such is the fact, the repairs and improvements herein set forth become a positive necessity.

In conclusion, permit me to express my thanks to you, sir, and the other members of the Board of Health, for the prompt response to every question submitted to you during the year.

Respectfully,

M. C. WOODRUFF, M. D., *Superintendent.*

To the Health Commissioner.

REPORT ON THE POOR HOUSE.

To the Honorable Municipal Assembly of the City of St. Louis:

GENTLEMEN: — In accordance with the provisions of Section 792, Chapter 11, Article 16, of the Revised Ordinances of 1900, which makes it the duty of the Health Commissioner to report annually to the Municipal Assembly the operations of the Poor House, I have the honor to submit herewith my report for the fiscal year ending March 31, 1901.

It is hardly necessary for me to call attention to the overcrowded condition of this institution; a fact which is well known to a majority of our citizens, and especially to the officers of the Municipal Government. However, as new members appear in your honorable body since submitting my last report, I will take the liberty of again officially calling your attention to the matter and reiterating my former recommendations for providing additional room.

These recommendations contemplate the removal of the pauper inmates to suitable quarters elsewhere, and using all of the buildings on the Poor House grounds for the chronic insane. This change would not require the outlay of a very large sum, as inexpensive structures could be provided for the pauper class. I believe it is the most feasible solution to the question, and I hope your honorable body will enact legislation authorizing the carrying out of these recommendations at an early date. It would not only provide considerable room at the Poor House for the insane and relieve the congested condition at the Insane Asylum by making it possible to transfer chronic insane to the former institution, but also result in separating the insane from the paupers, so that the name "Poor House" could be eliminated and thus overcome the objections often offered by citizens to having their friends or relatives transferred to this institution.

Financial Exhibit:

The strictest economy was exercised in the management of the institution, and, in fact, it became necessary to dispense with many needed supplies and improvements in order to keep the expenses within the amounts appropriated, as the funds provided for the several accounts were materially reduced over the amounts allowed for the previous year, although the daily average number of patients in the institution was increased by 54.

The total expenditure, as shown in detail by the table given below, was $132,491.84, as compared with $148,145.98 for the previous year.

RECEIPTS AND EXPENDITURES.

Appropriations	$135,267 04	
Less amount of unpaid bills last fiscal year	3,317 04	
Net appropriation		$131,950 00

EXPENDITURES.

Salaries of Superintendent and employes	$35,957 65
Bread	11,374 88
Meat and fish	24,539 37
Groceries	27,922 05
Milk	4,758 51
Fuel	10,427 93
Ice	1,076 83
Drugs, instruments and supplies	1,743 94

Dry goods, clothing and bedding (including straw)	5,198 33	
House furnishing goods and furniture	3,898 48	
Forage and bedding for horses	.....	
Repairing vehicles and harness, shoeing horses	187 58	
Printing and stationery (including postage)	424 95	
Oils, packing, waste and tools used by engineer	331 50	
Lumber and materials for coffins	55 00	
Car tickets	50 00	
Rent of telephone	5 00	
Miscellaneous	8 00	
Labor and materials for repairing fences and maintaining grounds	379 88	
Traveling expenses of Superintendent	148 50	
Labor and materials for repairing buildings, etc	4,003 46	
Total		$132,491 84
Overdrawn		541 84
		$131,950 00

This amount was reduced by the following credits: —

Profits of bakery	$1,643 55	
Board bill of County and other patients	2,705 04	
Old iron, rags, etc	135 08	
Sale of cows	359 00	
Total	$4,842 67	
Net expenses of the year		$127,649 17

The per capita cost of maintenance was as follows: —

For one year	$81 84
For one month	6 82
For one week	1 57
For one day	.214

Dairy.

It became necessary to abandon the dairy the early part of the year, for the reason that an appropriation for additional cows could not be obtained and it was found inadvisable and unprofitable to continue with the small number on hand, as only a very small supply of milk could be obtained — not enough in fact to furnish the entire amount needed at the Poor House. Accordingly, the eleven cows and one bull on hand, with the approval of the Comptroller, were sold.

I am in favor of operating a dairy at the Poor House and have respectfully recommended to the Honorable Comptroller that an appropriation be provided so that a sufficient number of cows might be purchased to enable us to furnish milk to all of the eleemosynary institutions. I am satisfied that a more pure and wholesome quality could be furnished and at a lower price per gallon than is paid to private concerns under contract.

With the facilities at hand for maintaining a dairy, it would be advisable from a business standpoint to purchase a herd of cows and I would recommend that an appropriation of $3,500.00 be provided for the purpose.

The financial account is as follows: —

CREDITS.

By milk sold Poor House, 782 gallons	$236 74	
" cows sold (11)	359 00	
Total credits		$595 74

DEBITS.

To forage purchased	$66 74	
" salaries of dairymen	170 00	
Total debits		236 74
Balance		$359 00
Net cost of production per gallon	$.3234	
Number of gallons of milk sold	732	

Bakery.

The bakery yielded a net profit of $1,643.55. Bread was supplied to the several institutions whose names appear in the financial exhibit given below.

CREDITS.

By amount of bread sold:			
City Jail,	78,752 lbs.	$1,968 82	
City Hospital,	120,578 "	3,014 57	
Insane Asylum,	237,168 "	5,929 23	
Met. Police,	6,202 "	155 07	
Female Hospital,	56,389 "	1,409 76	
Poor House,	506,616 "	11,374 88	
Total	1,005,705 lbs.		$23,852 33
Empty barrels sold			889 93
Bread, flour, fuel, etc., on hand April 1, 1901			247 19
Total credits			$24,939 45

DEBITS.

To expenses:		
Bread, flour, fuel, etc., on hand April 1, 1901	$563 91	
Flour and fuel purchased	14,244 40	
Yeast	266 02	
Lard, ice, sugar, etc	1,882 99	
Potatoes	1,697 68	
Feed and care of horses, shoeing, etc	1,275 16	
Repairs wagons and harness, etc	119 95	
Repair bake ovens	274 20	
New wagon	97 00	
Salaries of four bakers	2,252 42	
Salary of one bread wagon driver	420 00	
Lumber and material for repairing buildings	81 97	
Sundry items	120 20	
Total debits		$23,295 90
Net profit		$1,643 55
Number of pounds of bread sold	1,005,705	
Net cost per pound	$0.0232	
Selling price per pound	$0.025	

Poor House paid average cost of production.

Insane Department.

In the Insane Department there were 974 patients cared for during the year; 386 males and 588 females. Ninety patients were received by transfer from the Insane Asylum, 42 of which were male, and 48 female. Seventeen were discharged unimproved and one was returned to the Insane Asylum. Of those discharged three were males and fourteen females. Ninety-three died; 52 males and 41 females. There were remaining on April 1, 1901, 863 — 330 males and 533 females. Daily average number present, 870; 334 males and 536 females.

Pauper Department.

At the beginning of the year this Department of the Poor House housed a total of 733 inmates,—478 males and 255 females. There were admitted during the year 470, of which number 338 were males and 132 females. The total number cared for was 1,203,816 males and 387 females. Three hundred and fifty-five paupers were discharged; 265 males and 90 females. Four were adjudged insane and transferred to the Insane Asylum, three of which number were males, and one female. Ninety-three deaths occurred,—65 males and 28 females. The number remaining March 31, 1901, was 750,—483 males and 267 females. Daily average number of patients present, 749.

The report of the Superintendent, Mr. E. G. Remmers, which includes statistical data, accompanies my annual report to his Honor, Mayor Wells, and I will therefore refer you to same for further information regarding the management of this institution.

Very respectfully,

MAX C. STARKLOFF,

Health Commissioner.

PART SECOND.

Furnishing statistical information of the several divisions of the Health Department in addition to their annual statements, which accompany the report of the Health Commissioner.

II.

OFFICE OF HEALTH COMMISSIONER AND BOARD OF HEALTH.

Presenting fifty-two tables as follows:

Table No. 1. Showing comparative mortality in St. Louis during the last twenty-eight years.
Table No. 2. Showing reported mortality for municipal year ending March 31, 1901.
Table No. 3. Showing reported mortality for calendar year, 1900.
Table No. 4. Showing zymotic diseases by wards, 1900.
Table No. 5. Showing comparative mortality by deaths from fifteen prominent causes of death for fourteen years, 1887-1900, inclusive.
Table No. 6. Showing the total number of deaths indifferent institutions by months.
Table No. 7. Showing nativity of deceased by months.
Table No. 8. Showing the disposition made of decedents, including still-births and those from outside of city, by months.
Table No. 9. Showing number of births reported during 1900, by months.
Table No. 10. Showing comparative statement of zymotic diseases in twelve of the principal cities of the United States, 1900.
Table No. 11. Showing mortality for January, 1900.
Table No. 12. Showing mortality for February, 1900.
Table No. 13. Showing mortality for March, 1900.
Table No. 14. Showing mortality for April, 1900.
Table No. 15. Showing mortality for May, 1900.
Table No. 16. Showing mortality for June, 1900.
Table No. 17. Showing mortality for July, 1900.
Table No. 18. Showing mortality for August, 1900.
Table No. 19. Showing mortality for September, 1900.
Table No. 20. Showing mortality for October, 1900.
Table No. 21. Showing mortality for November, 1900.
Table No. 22. Showing mortality for December, 1900.
Table No. 23. Showing cremations and causes of death, by months.
Table No. 24. Showing abstracts of weekly reports made by the Coroner for each month.
Table No. 25. Showing decedents received from outside of the city, and places of deaths, by months.
Tables 26-37. Showing local meteorological observations for each month.
Table No. 38. Showing the number of vaccine points received each month and source derived from.
Table No. 39. Showing number of certified copies of death and birth certificates issued, by months.
Tables 40-51. Showing number of pounds and different kinds of garbage reduced for months of April, 1900, to March, 1901, inclusive.
Table No. 52. Shows number of pounds and different kinds of garbage reduced during the year, by months.

TABLE NO. 1.

COMPARATIVE MORTALITY IN ST. LOUIS DURING THE LAST THIRTY-FOUR YEARS.

YEAR.	Population.	Total deaths.	Annual death rate per 1,000.	Deaths under five years.	Per cent of total deaths.	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Croup.	Whooping cough.	Typhus and typhoid fever.	Diarrhœal diseases (under five years).	Diarrhœal diseases (other ages).	Total from foregoing causes.	Per cent of total deaths.	Malarial fevers.	Per cent of total deaths.	Phthisis Pulmonum.	Per cent of total deaths.	Pneumonia.	Per cent of total deaths.	Stillbirths (not included in mortality).	No. of births reported.
1867	220,000	6,538	29.7	2,953	45.0	3	28	27	48	58	60	194	173	1,507	2,098	31.9	227	3 4	464	7.1	309	4.7	871	.....
1868	230,000	5,193	22.5	2,582	49.7	....	8	28	35	44	26	294	409	512	1,356	26.1	127	2.4	503	9.6	371	7.1	411	.....
1869	240,900	5,884	24 5	3,225	54.8	214	112	55	49	51	59	202	469	409	1,620	27.5	147	2.4	571	9.7	410	6 9	421	.....
1870	250,000	6,670	26.6	3,449	51 7	375	32	263	75	92	97	269	371	531	2,108	31.6	180	2 7	620	9.2	350	5 2	407	.....
1871	260,000	5,265	20.2	2,585	49.0	9	39	6c	68	79	60	174	221	317	1,035	19.6	124	2 4	599	11.3	381	7 2	383	....
1872	270,000	8,047	29.8	4,058	50.4	1,591	57	47	76	66	7	176	456	549	3,025	37.5	124	1.5	568	7.0	382	4.7	630	.....
1873	280,000	8,551	30.5	4,014	46.9	887	35	22	61	78	30	167	496	822	2,548	29.7	140	1.4	751	8 7	510	5.9	514	.....
1874	290,000	6,506	22 4	3,433	52.7	447	51	87	56	53	58	131	460	295	1,638	25.1	88	1.3	581	8.9	413	6.3	510	.....
1875	300,000	7,532	25.1	3,755	49 8	603	70	508	160	72	10	131	378	315	2,247	29.8	212	2 8	740	9.8	450	5 9	421	.....
1876	310,000	6,019	19.4	2,849	47.1	90	55	124	167	157	54	103	314	248	1,312	21 6	216	3.6	721	11 9	460	7.6	401	.....
1877	320,000	5,660	17.7	2,391	42.2	....	1	40	165	69	70	180	197	234	906	16.0	240	4.2	686	12.1	427	7.6	767	.....
1878	330,000	6,002	18 2	2,635	43.9	....	35	36	156	85	49	74	238	213	883	14.7	279	4.6	730	12 2	375	6.2	434	4,681
1879	340,000	6,167	18.1	2,666	43 2	....	25	39	141	62	41	112	477	189	1,086	17.6	197	3 1	781	12.6	432	7.0	541	4,641
1880	350,000	6,686	18.9	2,937	44 2	....	55	47	113	61	79	139	488	161	1,143	17.2	241	3.6	786	11.8	539	8.1	561	7,525
1881	370,000	8,410	22.7	3,541	42 1	5	27	108	157	68	61	191	686	195	1,498	17.8	393	4 6	913	10 8	475	5 6	668	8,066
1882	400,000	7,845	19.6	3,454	44.0	12	64	346	385	103	79	166	525	179	1,859	23.6	264	3.3	870	11 0	474	6.0	705	8,401
1883	400,000	8,177	20.4	3,420	41.8	62	29	249	553	184	51	158	531	186	1,993	24.3	270	3.3 +	944	11.5	493	6 02	709	8,835
1884	400,000	7,887	19.7	3,357	42.1	4	33	161	425	116	32	166	582	180	1,649	20.9	261	3.3 +	845	10 7	501	6.3	790	9,634
1885	400,000	7,490	18.7	3,090	41 3	....	54	164	372	109	24	125	441	91	1,380	18.4	263	3.5 +	888	11.8	511	6.8	725	9,906
1886	400,000	8,268	20 6	3,434	41.5	....	6	149	719	160	76	124	334	97	1,665	20.1	279	3.3 +	915	11.0 +	597	6.01	765	10,296
1887	420,000	9,155	21.8	3,795	41.4	....	40	48	927	185	12	116	324	153	1,805	19.7	304	3.3 +	929	9 0 +	586	6.4	740	10,613
1888	440,000	9,015	20.49	3,659	40.58	....	31	30	564	167	41	133	488	144	1,598	17.7	242	2 6 +	800	8.8 +	728	8 0 +	726	11,305
1889	450,000	8,004	17.78	3,124	39.03	...	63	114	345	94	55	146	357	79	1,253	15.7	223	2.7 +	655	8.18 +	598	7.34 +	835	11,906
1890	460,000	8,409	18 45	3,115	37 04	....	1	87	186	59	31	140	435	104	1,042	12 3	226	2.6 +	843	10.2	601	7.1 +	704	11,564
1891	480,000	9,536	19.8	3,493	36.6	....	53	96	250	90	61	165	429	118	1,262	13.2	216	2.2	969	9.1	932	10.2	828	11,609
1892	500,000	10,225	20 04	3,607	28.3	....	7	150	196	91	10	441	444	112	1,460	14 01	326	3 1	882	8 6	705	6 8	837	12,317
1893	520,000	10,303	19.8	3,548	29 06	...	26	79	227	144	34	215	570	111	1,406	13 6	284	2.7	984	9.7	879	8 5	799	12,020
1894	540,000	8,710	16.1	3,192	27 2	....	3	29	240	139	64	171	538	98	1,282	14 7	179	2.0	875	10	772	7.7	896	12,233
1895	560,000	9,425	16.83	2,375	25 1	73	38	20	522	171	23	107	552	101	1,607	17.06	155	1.6	1,000	10.6	677	7.1	784	11,848
1896	590,000	9,897	16.07	3,326	81 5	....	17	8	275	104	53	106	664	111	1,336	13 49	177	1 7	1,026	10 3	854	8 6	772	11,281
1897	600,000	9,554	15.9	2,901	30 3	3	1	19	170	70	57	124	499	67	1,010	10.57	173	1.7	997	10 4	1,155	12.	729	11,600
1898	623,000	8,908	14 2	2,608	29.2	...	21	22	152	51	29	95	413	53	842	9.45	134	1.4	1,001	11.23	867	9 73	714	10,815
1899	647,000	10,023	15 4	3,005	29 9	5	15	38	102	49	59	131	451	64	1,004	10 00	148	1.47	1,091	10.8	914	9.11	775	10,423
1900	*575,200	9,847	17.11	2,648	26 9	3	45	57	344	65	15	168	402	67	1,166	11.84	112	1.13	1,006	10.21	1,034	10.50	724	10,763
Totals and Percentages	14,247,646	269,692	18.9	108,215	40.12	4,336	1,177	3,471	8,568	3,195	1,554	5,484	14,812	8,512	51,109	18.95	7,037	2.6	27,331	10.13	19,962	7.40	19,364	198,585

NOTE.—The figures of population given above appear in a number of instances—except those for the United States census years—to be little more than guess work, and the mortality percentage based upon them open to question.

From 1890 to 1900 the increase in local population has been computed from the census figures for that year at the rate of four per centum annually.

For 1890 the U. S. census figures were used.

TABLE NO. 2.

SHOWING THE REPORTED MORTALITY FOR FISCAL YEAR 1900-1901.

The annual death rate per 1,000 during the month was 17.26, this being based on a pop- rate per thousand, 16.36. Colored population, 37,000; mortality rate per thousand, 30.35.

CAUSES OF DEATH.	Total deaths reported during 1900-1901.	Total deaths reported during 1899-1900.	AGES BY YEARS.						
			Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	Total under 5 years. White.	Total under 5 years. Colored.
Total Deaths from all Causes	9930	9538	1727	893	217	169	116	2372	250
Total Zymotic Diseases	1469	1438	394	149	103	75	68	741	48
Total Constitutional Diseases	1866	1855	235	39	9	6	6	259	36
Total Local Diseases	4791	4439	558	182	91	75	33	827	112
Total Developmental Diseases	1160	1233	530	18	2	3	...	505	48
Total Deaths by Violence	628	558	10	5	12	10	9	40	6
Total Unknown	16	15	...	...	...	...	...	...	...
Smallpox	5	1	...	...	...	...	...	...	...
Measles	41	24	15	10	2	4	2	27	6
Scarlatina	57	42	3	4	9	9	10	35	...
Diphtheria	353	232	9	32	55	37	40	168	7
Croup	65	45	5	14	6	7	7	48	1
Whooping Cough	16	40	11	4	...	1	...	15	1
Typhoid Fever	161	150	1	4	2	3	....	9	1
Cerebro-Spinal Fever	12	89	3	2	2	1	....	8	....
Rem't, Interm.,Typ.-Ma'l, Cong. & S'ple Con.Feva	103	148	15	3	2	3	3	24	2
Puerperal Fever	13	11	...	...	...	...	...	...	...
Diarrhœal / Under 5 years	403	426	313	71	9	8	2	380	23
Diseases: \ Other ages	62	67	...	...	...	...	...	...	...
Erysipelas	41	34	12	...	...	...	...	10	2
Pyæmia and Scepticæmia	71	68	1	....	1	2	1	4	1
Syphilis	16	19	3	....	....	....	....	3	....
Alcoholism	28	24	1	....	....	....	....	1	....
Other Zymotic Diseases	22	18	2	5	5	....	3	12	3
Cancer and Malignant Tumor	340	312	2	....	1	....	....	3	....
Phthisis and Tuberculosis—Pulmonary	1016	1031	6	3	2	2	....	10	3
Marasmus—Tabes Mesenterica and Scrofula	256	281	196	30	3	1	1	203	28
Hydrocephalus, Tubercular Meningitis, etc	158	150	24	6	3	3	3	36	3
Rheumatism and Gout	32	30	....	....	....	....	....	....	....
Other Constitutional Diseases	64	51	7	....	....	....	2	7	2
Bronchitis	347	309	95	34	17	11	4	123	38
Pneumonia	1011	886	132	60	30	19	9	219	31
Other Diseases Respiratory Organs	263	206	26	16	11	7	2	58	4
Diseases of Circulatory System	672	614	3	2	1	4	4	14	....
Meningitis and Encephalitis	108	160	36	16	6	8	1	67	....
Convulsions and Trismus	179	200	130	30	11	3	1	161	14
Heat Stroke	25	19	1	....	....	....	....	1	....
LaGrippe	86	31	9	...	1	4	1	13	2
Apoplexy	184	166	....	....	....	....	1	1	....
Other Diseases of the Brain and Nervous System	514	484	88	17	8	11	5	111	18
Cirrhosis of Liver and Hepatitis	161	155	1	2	1	....	....	4	....
Enteritis,Gastro-Enteritis,Peritonitis and Gas'tis	323	317	9	2	....	2	....	12	1
Bright's Disease and Nephritis	428	479	6	....	2	4	2	13	1
Other Diseases Urinary Organs	292	216	7	1	....	....	3	10	1
Diseases Generative Organs	50	33	1	....	....	....	....	1	....
Diseases Locomotory Organs	7	9	1	....	1	....	....	2	....
Diseases of the Integument	13	11	3	....	....	....	....	3	....
Other Local Diseases	128	144	10	2	2	2	....	14	2
Cyanosis	34	38	33	....	....	1	....	34	....
Inanition	171	141	165	3	....	1	....	155	14
Premature Birth	88	106	86	2	....	....	....	80	8
Puerperal Diseases (not incl. Puerperal Fever)	23	47	....	....	....	....	....	....	....
Senility	519	548	....	....	....	....	....	....	....
Other Developmental Diseases	325	353	246	14	2	1	....	237	26
Surgical Operations	25	31	2	....	....	2	....	3	1
Deaths by Suicide	131	123	....	....	....	....	....	....	....
Deaths by Homicide	109	74	....	....	....	....	....	....	....
Deaths by Accident	362	329	8	5	12	8	9	37	5
Execution by Warrant of Law	1	1	....	....	....	....	....	....	....
Unknown	16	15	....	....	....	....	....	....	....

TABLE NO. 2.—*Continued.*

ulation of 575,200, computed on census figures of 1900. White population, 538,200; mortality

AGES BY YEARS.														SEX.		SOCIAL RELATIONS.		COLOR.		
5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	MALE.	FEMALE.	MARRIED.	SINGLE.	WHITE.	COLORED.	TOTAL.
364	204	272	443	576	552	547	524	537	532	520	562	514	1161	5501	4429	4821	5109	8807	1123	9930
203	65	40	50	68	46	34	29	25	23	25	20	26	26	789	680	249	1220	1361	108	1460
18	16	96	157	201	179	159	125	160	108	114	81	66	91	994	872	976	890	1603	263	1866
114	90	89	154	203	253	281	311	317	362	333	401	360	581	2668	2123	2748	2043	4229	562	4791
2	1	7	10	10	12	13	9	2	5	21	28	49	438	551	609	521	639	1041	119	1160
27	30	39	72	92	58	56	49	33	32	26	30	13	25	485	143	321	307	558	70	628
...	2	1	...	2	4	1	1	...	2	1	2	...	...	14	2	6	10	15	1	16
...	...	...	...	3	...	...	...	...	1	...	...	1	...	4	1	2	3	3	2	5
6	...	1	...	...	...	1	...	...	...	...	...	...	...	20	21	...	41	34	7	41
19	1	1	1	...	...	...	...	...	...	...	...	...	...	31	28	1	56	57	...	57
127	39	10	2	1	...	...	1	...	...	...	...	...	...	188	165	6	347	328	25	353
15	...	1	...	...	...	...	...	...	...	...	...	...	...	35	30	2	63	64	1	65
...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	9	...	16	15	1	16
14	22	15	19	29	11	9	13	6	3	4	2	1	3	92	69	63	98	145	16	161
1	...	3	...	...	...	...	...	...	...	...	...	...	...	5	7	...	12	12	...	12
7	2	7	11	13	6	5	3	7	3	2	3	5	3	57	46	35	68	95	8	103
...	...	2	3	3	4	1	...	...	...	...	...	...	...	6	7	12	1	11	2	13
...	...	...	...	...	...	...	...	...	...	...	...	...	...	198	205	...	403	380	23	403
4	...	...	1	2	5	4	1	5	8	5	7	9	11	34	28	42	20	59	3	62
...	...	...	2	3	1	1	2	3	1	4	4	3	5	28	15	21	20	37	4	41
5	...	1	10	8	11	5	5	3	2	8	2	4	2	29	42	45	26	64	8	71
...	...	...	1	1	2	4	1	...	1	1	1	1	...	12	4	4	12	11	5	16
...	...	...	...	5	6	4	3	1	4	...	1	3	...	27	1	8	20	28	...	28
5	...	...	...	...	...	1	...	...	...	1	...	...	...	14	8	3	19	19	3	22
1	1	...	6	13	12	28	20	38	42	44	36	40	56	129	211	209	38	322	18	340
3	7	80	136	165	145	112	82	106	48	56	28	16	19	611	405	534	482	829	187	1016
2	2	1	1	1	...	...	3	2	1	...	4	3	5	122	134	16	240	232	24	256
6	1	9	9	15	15	15	8	8	7	4	4	3	...	95	63	71	87	132	26	158
...	3	3	1	2	3	...	4	1	1	4	2	2	6	15	17	18	14	31	1	32
6	2	3	4	5	4	2	3	5	8	3	4	4	2	22	42	35	29	57	7	64
10	1	7	11	10	7	5	4	8	15	12	27	21	48	161	186	150	197	293	54	347
22	8	20	42	51	51	54	66	71	65	73	68	71	99	611	400	402	519	893	118	1011
11	6	2	10	8	14	16	10	13	18	18	22	20	33	155	108	138	125	232	31	263
18	32	17	28	34	39	46	49	54	48	60	71	64	98	324	348	467	205	583	86	672
6	4	7	3	3	5	1	1	4	2	...	2	3	...	65	43	10	98	101	7	108
4	...	...	...	...	...	...	...	...	...	...	...	...	...	100	79	...	179	165	14	179
...	...	...	1	1	2	2	5	6	3	1	...	2	1	20	5	19	6	24	1	25
2	...	...	2	5	...	1	1	5	4	5	9	8	29	42	44	58	28	79	7	86
...	...	...	3	2	4	7	11	12	31	16	30	29	38	105	79	157	27	161	23	184
13	8	10	12	19	28	39	34	32	31	37	26	41	55	313	201	276	238	455	59	514
...	...	3	...	5	8	14	20	17	26	17	20	12	15	107	54	115	46	151	10	161
14	18	13	23	20	42	24	23	25	25	16	20	17	30	140	183	208	115	297	26	323
4	4	6	4	14	19	34	46	33	56	41	62	39	52	268	160	304	124	350	78	428
2	4	...	10	12	18	23	22	24	26	23	34	24	59	172	120	220	72	261	31	292
...	..	3	5	12	5	9	6	1	2	4	...	...	2	..	50	40	10	43	7	50
2	...	...	...	...	...	...	...	3	...	...	...	...	...	3	4	2	5	6	1	7
...	...	...	1	...	...	...	1	1	1	1	...	...	5	6	7	11	2	12	1	13
6	5	...	2	6	10	9	12	8	9	9	10	9	17	74	54	81	47	120	8	128
...	...	...	...	...	...	...	...	...	...	...	...	...	...	25	9	...	34	33	1	34
...	...	...	...	1	...	...	...	...	...	...	...	1	..	94	77	8	163	157	14	171
...	...	...	...	...	...	...	...	...	...	...	...	...	...	40	48	...	88	81	7	88
...	...	3	8	3	4	2	3	...	...	...	...	...	...	...	23	20	3	22	1	23
...	...	...	...	...	...	1	...	...	5	13	26	45	429	227	292	434	85	458	61	519
2	1	3	3	6	7	10	6	2	...	8	2	3	9	105	160	59	206	290	35	325
....	....	1	1	....	5	4	2	2	1	2	2	....	1	9	16	18	7	24	1	25
....	....	6	18	20	12	17	12	6	11	15	9	3	2	97	34	89	42	127	4	131
....	3	11	22	36	12	8	5	4	1	1	4	2	...	95	14	56	53	71	38	109
27	27	17	31	83	33	28	31	20	20	8	15	8	22	283	79	157	205	336	26	362
....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	1	....	....	1	1
....	2	1	....	2	4	1	1	...	2	1	2	....	....	14	2	6	10	15	1	16

TABLE NO 3.

SHOWING THE REPORTED MORTALITY FOR CALENDAR YEAR, 1900.

The annual death rate per 1,000 during the month was 17.11, this being based on a pop- During the year there were 175 deaths less than the previous year. 566 certificates monthly statements. Percentage of deaths in eleemosynary and other institutions of a mortality, 13.28. White population, 538,200; mortality rate per th)usand, 16.04. Colored

CAUSES OF DEATH.	Total deaths reported during 1900.	Total deaths reported during 1899.	AGES BY YEARS.					Total under 5 years.	
			Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	White.	Colored.
Total Deaths from all Causes	9847	1022	1773	393	198	175	109	2409	239
Total Zymotic Diseases	1488	1480	402	151	95	82	67	749	48
Total Constitutional Diseases	1855	1924	244	39	9	8	6	275	31
Total Local Diseases	4692	4848	558	180	82	71	27	819	99
Total Developmental Diseases	1182	1213	563	17	1	4	....	528	57
Total Deaths by Violence	614	541	6	6	11	10	9	38	4
Total Unknown	16	16	....	....	....	....	....	....	....
Smallpox	3	5	....	....	....	....	....	....	....
Measles	45	15	14	14	2	5	1	31	5
Scarlatina	57	36	3	5	8	8	10	34	....
Diphtheria	344	192	14	25	49	38	38	161	3
Croup	65	49	3	15	14	11	8	50	1
Whooping Cough	15	59	5	6	1	3	....	13	2
Typhoid Fever	168	131	1	3	3	3	....	9	1
Cerebro-Spinal Fever	18	149	4	2	2	1	....	9	....
Rem't, Interm.,Typ.-Mal'l, Cong.& S'ple Con.Fevs	112	148	16	3	3	4	3	26	3
Puerperal Fever	8	9	....	....	....	....	....	....	....
Diarrhœal) Under 5 years	402	451	312	72	9	8	1	378	24
Diseases) Other ages	67	64	....	....	....	....	....	....	....
Erysipelas	38	26	17	....	....	....	....	14	3
Pyæmia and Septicæmia	73	77	3	....	1	1	1	4	2
Syphilis	18	24	7	....	....	....	....	7	....
Alcoholism	33	25	1	....	....	....	....	1	....
Other Zymotic Diseases	23	18	2	6	4	..	5	18	4
Cancer and Malignant Tumor	345	297	1	1	1	1	....	3	1
Phthisis and Tuberculosis—Pulmonary	1006	1091	9	3	2	2	....	15	1
Marasmus—Tabes Mesenterica and Scrofula	259	298	183	26	3	1	....	213	20
Hydrocephalus, Tubercular Meningitis, etc	147	154	23	7	3	4	3	35	5
Rheumatism and Gout	33	33	....	1	....	....	1	1	1
Other Constitutional Diseases	68	51	8	1	....	....	2	8	3
Bronchitis	317	369	97	27	13	8	1	116	30
Pneumonia	1034	914	145	66	32	22	4	236	33
Other Diseases Respiratory Organs	229	231	21	12	8	6	2	47	2
Diseases of Circulatory System	661	630	4	..	1	4	6	15	....
Meningitis and Encephalitis	108	262	35	13	6	6	2	61	1
Convulsions and Trismus	186	211	134	33	10	5	1	170	13
Heat Stroke	25	19	1	....	....	....	....	1	....
LaGrippe	48	160	8	1	..	4	2	15	....
Apoplexy	180	154	....	....	....	....	....	....	....
Other Diseases of the Brain and Nervous System	500	530	80	20	7	10	5	106	16
Cirrhosis of Liver and Hepatitis	172	150	....	1	1	....	....	2	....
Enteritis,Gastro-Enteritis,Peritonitis and Gas'tis	319	328	9	2	....	1	....	11	1
Bright's Disease and Nephritis	446	473	5	....	2	3	1	10	1
Other Diseases Urinary Organs	274	228	4	1	....	....	3	8	....
Diseases Generative Organs	48	21	....	....	....	....	....	....	....
Diseases Locomotory Organs	12	8	3	....	1	....	....	4	....
Diseases of the Integument	11	11	4	....	....	....	....	4	....
Other Local Diseases	122	149	8	4	1	2	..	14	1
Cyanosis	44	29	43	..	....	1	....	44	....
Inanition	160	143	153	3	....	2	..	139	19
Premature Birth	92	95	90	2	....	....	....	83	9
Puerperal diseases (not incl. Puerperal Fever)	23	49	..	....	....	....	....	....	....
Senility	518	563	....	....	....	....	....	....	....
Other Developmental Diseases	345	334	277	13	1	1	....	263	29
Surgical Operations	25	30	1	....	....	2	....	2	1
Deaths by Suicide	130	116	....	....	....	..	....	....	....
Deaths by Homicide	99	76	....	....	....	....	....	....	....
Deaths by Accident	359	318	5	6	11	8	9	36	3
Execution by Warrant of Law	1	1	..	....	....	....	....	..	....
Unknown	16	16	..	....	....	....	....	....	....

NOTE.—The death rate is based on the census population of 1900 (575,200), which ac- when the calculation was made on an estimated population of 647,000, computed on the

TABLE NO. 3.—*Continued.*

ulation of 575,200, computed on census figures of 1900.
were issued for deaths occurring outside the city limits; these were not included in the public character to total mortality, 24.16. Percentage of deaths in city institutions to total population, 37,000; mortality rate per thousand, 29.97.

AGES BY YEARS.														SEX.		SOCIAL RELATIONS.		COLOR.		
5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	MALE.	FEMALE.	MARRIED.	SINGLE.	WHITE.	COLORED.	TOTAL.
369	186	274	418	554	549	563	481	531	533	517	553	531	1140	5433	4414	4741	5106	8638	1109	9847
206	60	44	54	91	52	38	29	23	26	21	20	30	27	803	685	243	1245	1379	109	1488
22	13	94	139	195	178	176	111	146	118	124	85	62	87	979	876	933	922	1499	256	1855
114	80	88	153	196	241	287	286	320	350	322	395	373	569	2620	2072	2723	1969	4146	546	4692
2	1	4	10	11	14	6	8	2	5	23	22	57	432	551	631	518	664	1047	135	1182
25	30	43	62	89	60	55	46	40	32	26	29	10	25	466	148	318	296	552	62	614
...	2	1	...	2	4	1	1	....	2	1	2	....	..	14	2	6	10	15	1	16
..	....	....	....	2	....	....	....	..	....	....	....	1	....	2	1	1	2	2	1	3
..	1	....	1	....	....	....	....	..	....	....	....	....	....	19	26	....	45	39	6	45
19	2	....	2	....	....	....	....	....	..	..	....	....	....	34	23	....	57	57	..	57
131	36	8	2	2	1	....	....	....	....	....	....	....	....	192	152	2	342	324	20	344
14	....	....	....	....	....	....	....	....	....	....	....	....	....	35	30	2	63	64	1	65
..	....	....	....	....	....	....	....	....	....	....	....	....	....	8	7	....	15	13	2	15
14	18	20	23	27	12	11	10	4	3	8	4	1	3	93	75	64	104	153	15	168
4	1	3	1	....	....	....	....	....	....	....	....	....	....	9	9	....	18	18	....	18
5	1	8	13	13	6	6	3	7	6	1	3	7	4	63	49	41	71	102	10	112
....	....	1	4	....	2	1	....	....	....	....	....	....	....	....	8	7	1	6	2	8
....	....	....	....	....	....	....	....	....	....	....	....	....	....	201	201	....	402	378	24	402
5	....	....	1	2	7	4	1	4	7	4	8	11	13	37	30	46	21	63	4	67
....	....	1	....	3	2	2	5	..	1	1	2	3	2	22	16	14	24	32	6	38
5	....	3	5	6	15	4	9	4	2	6	1	4	3	30	43	42	31	65	8	73
....	....	....	1	....	2	4	..	1	2	....	1	....	....	12	6	5	13	12	6	18
....	....	....	1	6	6	5	2	3	5	....	1	3	....	31	2	11	22	33	....	33
2	1	....	..	....	....	1	....	....	....	1	....	1	....	15	8	3	20	19	4	23
2	....	....	7	9	15	33	15	42	43	51	37	34	53	117	228	302	43	326	19	345
5	7	80	115	165	138	130	81	89	56	54	31	21	18	605	401	503	503	828	178	1006
2	1	2	1	1	....	....	3	1	1	2	3	1	5	122	134	14	242	233	23	256
7	1	7	10	13	16	10	10	9	7	10	3	2	2	93	54	60	87	122	25	147
1	2	3	1	2	4	..	1	1	1	5	2	2	6	16	17	17	16	30	3	33
5	2	2	5	5	5	2	2	3	10	2	6	4	4	26	42	37	31	60	8	68
10	....	6	11	6	6	2	4	5	11	10	21	19	60	150	167	146	171	274	43	317
28	12	16	46	51	50	61	63	75	52	69	77	79	96	618	416	502	532	906	131	1034
6	5	3	10	9	13	12	7	9	20	15	21	21	29	124	105	135	94	203	26	229
17	23	17	29	36	34	45	51	54	50	60	68	68	94	334	327	466	195	580	81	661
11	4	6	2	4	6	1	1	3	2	...	3	3	....	63	45	13	95	99	9	108
3	....	....	....	....	....	....	....	....	....	....	....	....	....	107	79	....	186	171	15	186
....	....	....	1	1	2	2	5	6	3	1	....	2	1	20	5	19	6	24	1	25
2	....	....	....	1	....	....	1	3	4	4	5	4	3	24	24	29	19	45	3	48
....	....	....	1	1	3	6	9	14	26	17	33	27	43	106	74	158	22	161	19	180
12	9	8	10	22	25	40	29	32	30	32	31	37	61	298	202	272	228	440	60	500
....	....	2	....	4	12	14	20	18	30	17	20	18	15	114	58	132	40	163	9	172
12	15	18	21	20	35	29	16	29	23	16	21	21	31	145	174	202	117	292	27	319
4	4	5	9	15	22	38	44	36	63	44	54	45	52	272	174	306	140	362	84	446
2	4	3	7	10	15	23	21	23	23	21	27	30	57	158	116	210	64	248	26	274
....	....	4	3	11	10	7	4	1	3	3	....	....	2	....	48	38	10	40	8	48
2	....	....	....	....	....	....	1	3	....	....	1	..	1	7	5	3	9	11	1	12
....	....	....	....	....	....	....	1	..	....	1	....	....	5	4	7	8	3	11	..	11
5	4	....	3	5	8	7	9	9	10	12	13	9	13	74	48	84	38	119	3	122
....	....	....	....	....	....	....	....	....	....	....	....	....	....	30	14	....	44	43	1	44
....	..	....	....	....	....	....	....	....	....	1	....	1	....	86	74	8	152	141	19	160
....	....	....	....	....	....	..	....	....	....	..	....	....	....	45	47	..	92	84	8	92
....	....	1	7	3	6	2	3	....	....	....	....	....	1	1	22	21	2	21	2	23
....	....	....	....	....	....	....	....	....	....	5	15	21	55	422	210	308	434	84	453	65	518
2	1	2	3	8	7	5	5	2	...	7	1	1	9	179	166	55	290	305	40	345
....	....	2	....	....	5	6	1	2	1	2	2	....	1	7	18	17	8	24	1	25
....	....	9	13	18	15	15	10	9	13	12	9	4	3	92	38	92	38	127	3	130
....	4	9	20	32	12	7	3	5	1	2	2	2	....	89	10	48	51	69	30	99
25	26	19	31	35	32	28	32	23	18	10	16	4	21	277	82	160	199	332	27	359
....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	1	....	....	1	1
....	2	1	..	2	4	1	1	....	2	1	2	....	....	14	2	6	10	15	1	16

counts for the increase in the rate per thousand, as compared with the previous year, census figures of 1890, at the rate of four per cent annual increase.

TABLE NO. 4.

SHOWING DEATHS FROM SMALLPOX, MEASLES, SCARLATINA, DIPHTHERIA, CROUP, WHOOPING COUGH, TYPHOID FEVER, MALARIAL FEVER, PUERPERAL FEVER, DIARRHŒAL DISEASES, AND OTHER ZYMOTIC AFFECTIONS.

Sanitary Districts.	Smallpox.*	Measles.	Scarlatina.	Diphtheria.	Croup.	Whooping Cough.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœal Diseases, under 5 years.	Diarrhœal Diseases, Other Ages.	Other Zymotic Diseases.	Total Deaths from Zymotic Diseases.	Total Deaths from all Causes.
1st	...	4	11	45	9	...	23	13	1	44	8	18	176	1058
2nd	....	9	10	62	11	5	13	13	1	53	3	9	189	1155
3d	..	5	1	34	3	2	31	18	1	54	14	60	223	2032
4th	....	10	9	67	17	...	19	15	1	107	12	24	281	1662
5th	....	3	5	35	7	2	19	19	...	69	11	31	201	1098
6th	....	6	6	32	4	2	36	13	2	28	12	34	175	1352
7th	....	8	15	69	14	3	27	21	2	47	7	27	240	1507
Totals	* 3	45	57	344	65	14	168	112	8	402	67	203	1485	9844
* Three deaths occurred at Quarantine, outside of city boundaries.													3	3
													1482	9847

TABLE NO. 5.

SHOWING COMPARATIVE MORTALITY, BY YEARS, FROM FIFTEEN PROMINENT CAUSES OF DEATH FOR FOURTEEN YEARS, 1887 TO 1900, INCLUSIVE.

CAUSES OF DEATH	YEAR.	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900
Consumption,	12,858	829	800	655	843	869	882	984	875	1000	1026	997	1001	1091	1006
Pneumonia,	11,202	586	728	598	601	932	705	879	672	677	854	1155	867	914	1034
Heart Disease,	7,195	396	407	398	469	504	583	536	478	515	550	503	565	630	661
Cholera Infantum,	6,566	324	488	357	435	429	444	570	538	552	664	499	413	451	402
Brain and Nervous System,	6,040	406	384	375	399	431	506	393	372	442	434	427	441	530	500
Convulsions and Trismus,	4,611	437	408	408	444	414	392	384	342	286	242	262	195	211	186
Marasmus,	4,760	392	368	335	336	345	424	388	374	350	319	308	269	298	259
Enteritis,	4,645	549	235	212	230	275	516	403	344	331	296	310	287	328	319
Diphtheria,	4,586	927	564	345	185	250	195	227	240	522	273	170	152	192	344
Cancer,	3,524	164	170	189	263	275	248	243	224	268	268	266	304	297	345
Typhoid Fever,	2,255	116	130	146	140	165	441	215	171	107	106	124	95	131	168
Apoplexy,	2,121	117	133	146	132	143	135	166	134	141	155	197	188	154	180
Croup,	1,478	185	167	94	58	90	91	144	139	171	104	70	51	49	65
Scarlet Fever,	803	48	30	114	87	96	150	79	29	20	8	19	28	38	57
Smallpox,	106	1	10		5	5		1		73		3		5	3

TABLE NO. 6.

TOTAL NUMBER OF DEATHS IN DIFFERENT INSTITUTIONS.

MONTHS. 1900.	City Ambulance.	Alex. Bros. Hospital.	U. S. Marine Hospital.	St. Anthony Hospital.	Ev. Lutheran Hospital.	Home Friendless.	St. Joseph Convent.	Christian Babies' Home.	Ursuline Convent.	City Dispensary.	St. Mary's Infirmary.	Mchts. and Mfg's. Hospital.	St. Joseph's Orphan Asylum.	St. Luke's Hospital.	St. John's Infirmary.	St. John's Hospital.	Colored Orphan Home.	City Hospital.	St. Mary's Orphan Asylum.	Baptist Hospital.	St. Ann's Asylum.	Pine Hospital.	Protestant Hospital.	Bethesda Home.	Mo. Pac. R. R. Hospital.	Rebecca Hospital.	Memorial Home.	Poor House.	Insane Asylum.	Female Hospital.	Woman's Hospital.	House of Good Shepherd.	Children's Nursery.	Provident Hospital.	Jefferson Hospital.	Good Samaritan Hosp.	Polyclinic Hospital.	Deaconess Hospital.	Children's Home.	Martha Parsons Hos.	Emergency Home.	Baptist Hospital.	Mayfield San.	Visitation Convent.	Masonic Home.	St. Louis Mul. Hos.	Colored Hospital.	Homeopathic Hos.	Home Little Sisters.	TOTAL.
January	2	8	2								13							53		3	10	2		2	2			9	4	16																	157
February	2	8	1					1			17							73		3	11	2			3	3	1		6	8	15			2	2													195
March		11	3		4					2	13							95		4	22	1	1	7	3	1	1	20	5	22		1		1	1				2							235
April		7	1		4					1	20			1				114			15	2	2	5	3			14	8	17				1	1											253
May		9	2		5						10			2	4		3	87		3	12	3	1	5	1	1			14	6	22				1	2											219
June		10	1	1	1					2	10			5		8	7	69		1	12			1	1	1			12	4	12				1	1	3	2									187
July		8	3	2	1					1	18			4		1		58		6	17		2	7	1	1	1	17	6	7						3	2	3	2								184
August		16	2	3	5					1	13			2		11		66		1	11			19	3	1		18	5	15			1	2	1	2	2		3								218
September	2	10	2	3	3		2				11			2		6		61		1	7			12	6			14	3	9				1						1							167
October		11	2	1	1		1				9			2	1	2	2	72		1	11	1	1	4	4	2		19	8	10		1		2		1	1		5								187
November		4									11		2	1		2		62		1	18		1	4	3	1	1	13	10	15			1			2	1		1								164
December	1	8	2	1	6			1			14			2	1	12		76		3	13	1	1	4	3	1	1	18	14	8		1		1	2				4								214
Total	13	104	19	11	38		5	1		7	159		2	29	11	62	16	885		26	159	12	11	73	32	10	4	174	81	168		3	4	12	14	19	9	18	20	3		57	28	1	1	78			1	2380

TABLE NO. 7.

SHOWING NATIVITY OF DECEDENTS.

Months, 1900.	St. Louis.	Missouri.	United States.	Canada.	England.	Scotland.	Wales.	Ireland.	Germany.	France.	Switzerland.	Austrian Empire.	Sweden and Norway.	Russia.	Netherlands.	Denmark.	Italy.	Other Foreign Countries.	Unknown.	China.	Total.
January	284	32	174	5	11	2	.....	71	150	3	3	2	2	3	1	.....	.....	8	9	1	761
February	268	49	187	5	11	4	.....	63	165	3	4	4	.....	.....	.....	.....	3	10	9	1	786
March	384	72	239	8	16	2	.....	85	144	6	10	7	1	5	.....	.....	3	5	10	.....	997
April	344	76	246	9	16	6	.....	90	166	9	11	2	3	2	.....	.....	3	18	18	1	1,020
May	281	45	222	5	11	.....	....	52	119	3	6	2	1	5	.....	1	3	9	17	.....	784
June	317	84	171	6	15	3	.....	40	86	2	4	4	2	1	.....	.....	5	4	9	.....	753
July	378	91	179	5	15	....	3	63	127	3	6	7	3	5	.....	.....	3	6	7	..	903
August	274	105	191	6	7	4	1	40	126	5	10	1	2	2	1	.....	1	13	11	.....	800
September	250	74	160	3	7	1	.....	46	96	2	6	2	.....	.....	.....	1	3	4	13	.....	668
October	267	109	178	8	5	3	.....	58	132	4	4	1	3	4	1	....	2	3	11	.....	793
November	275	65	183	2	4	4	....	57	104	4	7	2	2	2	.....	.....	2	6	10	.....	729
December	298	61	211	4	11	6	1	81	129	4	8	6	.....	5	....	3	4	4	17	.....	853
Total	3,622	863	2,341	66	129	35	5	746	1,544	50	79	40	19	34	3	5	32	90	141	3	9,847

TABLE NO. 8.

CEMETERIES WHERE DECEDENTS WERE BURIED.

Months—1900.	Bellefontaine.	Bethania.	Bethlehem.	Black Jack.	Calvary.	Central.	Chesd shel Emeth.	Evg'l Lutheran.	Fee Fee.	Friedens.	Concordia.	Greenwood.	Holy Ghost.	Holy Trinity.	Mt. Olive.	Mt. Olive Hebrew.	Mt. Sinai.	Mt. Sheereth Israel	Nat'l Cemetery Jefferson Barracks	New Bethlehem.	New Pickers.	Oak Dale.	Odd Fellows.	Potterfield.	St. Ann's.	St. Marcus.	St. Matthew's.	St. John's.	St. Paul's.	SS. Peter and Paul's.	St. Peter's.	Salem.	Wesleyan.	West End Lutheran	Zions.	Ret'd Anatomical purposes.	Shipped outside city.	Anatomical Board.	Cremated.	Quarantine.	Total.
January	54	27	4	..	177	..	7	5	1	17	4	23	21	28	10	..	6	..	1	5	23	1	4	19	..	36	33	4	10	67	59	1	5	4	4	....	77	21	5	..	763
February	57	16	3	..	168	..	3	5	1	23	14	46	29	26	9	..	5	..	4	6	15	4	1	38	..	36	36	5	8	66	49	..	4	3	3	....	89	19	5	..	786
March	72	26	8	..	222	..	11	..	..	28	7	58	32	40	18	..	3	1	3	5	16	5	5	54	..	36	21	7	15	72	60	2	9	11	3	....	94	45	13	..	997
April	64	27	..	..	225	..	6	8	..	25	7	61	25	28	12	..	8	2	3	5	32	6	1	47	1	38	28	8	6	91	72	2	8	2	8	....	102	47	8	1	1019
May	38	28	..	..	151	..	7	3	..	16	12	55	22	19	14	..	4	..	2	..	8	3	2	67	1	21	24	9	7	71	63	3	12	3	7	....	79	23	7	1	784
June	58	25	1	..	146	..	8	2	..	22	9	55	26	30	11	2	2	..	1	1	20	..	..	47	..	30	30	5	10	72	48	..	12	..	6	....	59	12	3	..	753
July	56	20	7	..	194	..	10	3	..	22	7	45	39	31	24	..	3	3	3	9	26	6	3	62	..	42	33	4	15	80	51	1	5	4	8	....	61	5	16	..	903
August	40	17	5	..	183	..	14	2	..	18	6	42	24	28	10	2	6	1	1	7	21	7	5	65	1	29	26	7	13	75	31	..	4	4	6	....	68	5	19	1	800
September	34	19	5	..	145	..	4	5	..	14	13	34	24	14	18	..	3	3	....	4	15	3	3	49	..	24	28	4	9	55	39	1	5	1	3	....	72	13	10	..	668
October	45	22	5	..	164	..	7	6	..	21	13	47	17	23	16	..	2	1	3	2	28	4	3	51	1	35	24	10	8	58	51	..	..	8	7	....	75	24	10	1	792
November	44	20	4	..	158	..	5	6	..	16	5	30	30	24	8	..	3	1	1	1	20	..	1	44	1	35	23	9	7	75	45	..	8	4	10	....	70	14	7	..	729
December	53	18	1	..	178	..	9	2	..	23	10	30	19	26	12	3	4	..	1	8	21	2	1	41	..	41	39	12	12	71	59	4	7	1	5	....	93	34	11	..	853
Total	615	265	..	..	2111	..	91	59	2	240	107	526	308	317	157	7	49	12	23	53	245	41	29	684	5	403	335	84	120	853	627	14	79	45	70	....	941	262	114	4	9847

TABLE NO. 9.

SHOWING BIRTHS REPORTED DURING 1900.

	Total.	COLOR.		SEX.			NATIVITY OF PARENTS.									Name of Child.		Stillbirths. *
		White.	Colored.	Male.	Female.	Not Stated.	Foreign.	Native.	Foreign, Father Only.	Foreign, Mother Only.	Nativity of Father Stated Only.		Nativity of Mother Stated Only.		Not Stated.	Stated.	Not Stated.	
											Native.	Foreign.	Native.	Foreign.				
January	1173	1125	48	604	569	..	248	698	146	46	3	4	4	1	23	842	331	75
February	916	879	37	431	485	..	175	591	94	36	1	..	7	1	11	474	242	64
March	908	861	47	466	442	..	164	589	102	30	1	..	7	2	13	662	246	47
April	827	778	49	433	394	..	152	533	95	26	..	..	5	1	15	582	245	58
May	720	681	39	356	364	..	122	473	80	29	2	..	4	2	8	547	173	54
June	707	669	38	381	326	..	136	460	79	24	..	..	2	1	5	554	153	61
July	973	913	60	463	510	..	165	630	113	43	..	..	5	..	17	705	178	58
August	843	813	30	433	410	..	125	550	105	48	1	4	5	1	4	624	219	47
September	1025	987	38	510	511	4	159	667	143	39	1	..	7	..	9	856	169	47
October	930	883	47	483	447	..	170	587	114	44	..	2	4	..	9	704	226	67
November	898	854	44	468	430	..	164	556	98	49	1	..	8	..	13	622	276	80
December	843	794	49	397	446	..	125	555	103	41	..	1	12	..	6	628	215	71
Total	10763	10237	526	5425	5334	4	1905	6898	1272	455	10	11	170	9	133	8090	2673	724

* Stillbirths not included in total births.

TABLE NO. 10.

COMPARATIVE MORTALITY, 1900. DEATHS FROM SEVEN ZYMOTIC DISEASES. COMPUTED ON U. S. CENSUS FIGURES, 1900.

CITIES.	Estimated Population.	Total Deaths.	Annual Rate Per 1,000.	Smallpox.	Measles.	Scarlatina.	Diphtheria and Croup.	Whooping Cough.	Typhoid Fever.	Diarrhœal Diseases.	Consumption.
Baltimore	541,000	10,700	19.77	....	24	20	279	47	189	1030	1153
Boston	560,892	11,678	20.82	....	88	181	537	99	143	762	1407
Buffalo	352,387	4,998	14.19	..	58	31	72	38	90	....	423
Chicago	1,698,575	24,941	14.68	2	194	226	797	285	337	764	2599
Cincinnati	326,000	5,412	16.60	7	3	27	85	16	119	....	635
Louisville	204,731	3,280	16.02	2	11	3	36	27	118	101	408
New Orleans, La.	287,104	7,424	24.74	448	57	19	36	8	114	603	838
New York	3,437,202	70,869	20.58	12	816	466	2275	584	716	3850	8163
Philadelphia	1,293,697	25,078	19.38	....	382	163	1042	125	449	136	2717
San Francisco	....	....	....	....	....	....	....	....	....	....	....
St. Louis, Mo	575,200	9,847	17.11	3	45	57	409	15	168	469	1066

TABLE NO. 11.

SHOWING THE REPORTED MORTALITY FOR JANUARY, 1900.

The annual death rate per 1,000 during the month was 14.15, this being based on a popu- annual increase. During the month there were 69 deaths more than the previous month. cluded in the monthly statement. Percentage of deaths in eleemosynary and other insti- tions to total mortality, 10.74. White population, 610,000; mortality rate per thousand, 13.79.

CAUSES OF DEATH.	Total deaths reported during Jan., 1900.	Total deaths reported during Jan., 1899.	AGES BY YEARS. Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	Total under 5 years. White.	Colored.
Total Deaths from all Causes	763	1121	106	29	16	13	12	164	12
Total Zymotic Diseases	105	92	10	12	11	8	8	46	3
Total Constitutional Diseases	150	158	12	3	....	1	1	15	2
Total Local Diseases	365	715	38	14	5	3	3	59	4
Total Developmental Diseases	104	116	46	....	....	....	....	43	3
Total Deaths by Violence	39	40	....	....	....	1	....	1	....
Total Unknown	....	....	....	....	....	....	....	....	....
Smallpox	....	2	....	....	....	....	....	....	....
Measles	4	....	....	2	1	1	....	4	....
Scarlatina	4	2	....	....	....	1	1	2	....
Diphtheria	33	15	1	2	5	4	7	19	....
Croup	8	7	....	2	4	1	....	7	....
Whooping Cough	1	7	....	1	....	....	....	1	....
Typhoid Fever	19	10	....	1	1	1	....	2	1
Cerebro-Spinal Fever	4	9	....	....	....	....	....	....	....
Rem'tInterm.,Typ.-Mal'l,Cong.andS'pleCon.Fevs	6	4	....	1	....	....	....	1	....
Puerperal Fever	1	....	....	....	....	....	....	....	....
Diarrhœal Diseases: Under 5 years	9	13	6	3	....	....	....	8	1
Diarrhœal Diseases: Other ages	5	3	....	....	....	....	....	....	....
Erysipelas	3	2	2	....	....	....	....	2	....
Pyæmia and Septicæmia	6	9	1	....	....	....	....	....	1
Syphilis	....	16	....	....	....	....	....	....	....
Alcoholism	1	1	....	....	....	....	....	....	....
Other Zymotic Diseases	1	2	....	....	....	....	....	....	....
Cancer and Milignant Tumor	27	20	....	....	....	....	....	....	....
Phthisis and Tuberculosis—Pulmonary	90	107	2	1	....	1	..	4	....
Marasmus—Tabes Mesenterica and Scrofula	10	16	7	1	..	....	....	7	1
Hydrocephalus, Tubercular Meningitis, etc.	12	11	2	1	....	....	....	2	1
Rheumatism and Gout	3	3	....	....	....	....	1	1	....
Other Constitutional Diseases	8	1	1	....	....	....	....	1	....
Bronchitis	24	64	3	....	....	....	1	4	....
Pneumonia	86	181	8	9	3	....	1	19	2
Other Diseases Respiratory Organs	12	40	....	....	....	....	....	....	....
Diseases of Circulatory System	65	73	....	....	....	1	1	2	....
Meningitis and Encephalitis	8	44	1	1	1	....	....	3	....
Convulsions and Trismus	21	20	15	3	1	2	....	20	1
Heat Stroke	....	....	....	....	....	....	....	....	....
LaGrippe	5	97	....	....	....	....	....	....	....
Apoplexy	19	15	....	....	....	....	....	....	....
Other Diseases of the Brain and Nervous System	26	55	9	1	....	....	....	9	1
Cirrhosis of Liver and Hepatitis	8	17	....	....	....	....	....	....	....
Enteritis,Gastro-Enteritis,Peritonitis and Gas'tis	24	25	....	....	....	....	....	....	....
Bright's Disease and Nephritis	33	38	....	....	....	....	....	....	....
Other Diseases Urinary Organs	22	27	....	....	....	....	....	....	....
Diseases Generative Organs	3	1	....	....	....	....	....	....	....
Diseases Locomotory Organs	....	....	....	....	....	....	....	....	....
Diseases of the Integument	2	2	2	....	....	....	....	2	....
Other Local Diseases	7	16	....	....	....	....	....	....	....
Cyanosis	5	2	5	....	....	....	....	5	....
Inanition	7	19	7	....	....	....	....	5	2
Premature Birth	8	3	8	....	....	....	....	7	1
Puerperal Diseases (not incl. Puerperal Fever)	3	2	....	....	....	....	....	....	....
Senility	51	63	....	....	....	....	....	....	....
Other Developmental Diseases	30	27	26	....	....	....	....	26	....
Surgical Operations	4	3	....	....	....	....	....	....	....
Deaths by Suicide	11	13	....	....	....	....	....	....	....
Deaths by Homicide	1	6	....	....	....	....	....	....	....
Deaths by Accident	23	18	....	....	....	1	....	1	....
Execution by Warrant of Law	....	....	....	....	....	....	....	....	....
Unknown	....	....	....	....	....	....	....	....	....

TABLE NO. 11.—*Continued.*

lation of 623,000, computed on census figures of 1890 (460,000) at the rate of four per cent
43 certificates were issued for deaths occurring outside the city limits; these were not in-
tutions of a public character to total mortality, 20.57. Percentage of deaths in city institu-
Colored population, 37,000; mortality rate per thousand, 20.04.

AGES BY YEARS.													SEX.		SOCIAL RELATIONS.		COLOR.		TOTAL.
5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	MALE.	FEMALE.	MARRIED.	SINGLE.	WHITE.	COLORED.	
31	10	24	29	35	46	49	34	39	37	49	43	43	118	405	358	418	345	701	62	763
17	2	8	2	4	4	1	3	....	2	4	4	2	3	54	51	21	84	100	5	105
2	....	11	12	15	17	20	8	5	13	16	9	4	1	86	64	82	68	135	15	150
10	7	5	9	12	17	21	19	26	20	27	27	33	69	196	169	284	181	334	31	365
....	....	....	1	3	2	1	....	....	....	1	2	3	45	45	59	53	51	96	8	104
2	1	....	5	1	6	6	4	8	2	1	1	1	....	24	15	28	11	36	3	39
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	3	....	4	4	....	4
....	1	....	1	....	....	....	....	....	....	....	....	....	....	1	3	....	4	4	....	4
12	....	....	....	1	1	....	....	..	....	....	....	....	....	17	16	1	32	33	....	33
1	....	....	....	....	....	....	....	....	....	....	....	....	....	3	5	..	8	8	....	8
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
....	....	4	....	1	3	1	1	....	1	3	2	....	....	11	8	10	9	17	2	19
2	....	2	....	....	....	....	....	....	....	....	....	....	....	2	2	....	4	4	....	4
1	....	1	....	1	....	....	....	....	1	....	....	1	....	3	3	1	5	5	1	6
....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	1	....	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	7	2	....	9	8	1	9
1	....	....	....	....	....	....	....	....	....	....	1	1	2	4	1	4	1	5	....	5
....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	3	1	2	3	....	3
....	....	1	....	....	....	....	2	....	....	1	....	....	1	2	4	3	3	5	1	6
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
..	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
....	....	....	1	....	2	3	1	2	6	7	2	3	....	8	19	24	3	27	....	27
....	....	8	9	15	12	16	6	3	6	6	4	1	....	58	32	47	43	78	12	90
....	....	1	....	....	....	....	....	....	....	1	....	....	....	8	2	1	9	8	2	10
1	....	....	2	....	2	1	1	....	....	2	....	....	....	7	5	7	5	11	1	12
....	....	1	....	....	....	....	....	....	....	....	....	....	1	2	1	....	3	3	....	3
1	....	1	....	....	1	....	....	....	1	....	3	....	....	3	5	3	5	8	....	8
1	....	....	2	....	....	....	....	....	....	....	1	3	13	9	15	17	7	24	....	24
3	....	1	2	3	5	7	5	5	4	6	8	4	12	47	39	49	37	73	13	86
....	....	....	....	1	1	....	1	....	4	1	1	1	2	5	7	10	2	12	....	12
3	2	1	2	3	2	4	6	6	3	4	5	7	15	39	26	49	16	60	5	65
2	1	....	....	1	....	....	....	1	....	....	....	....	....	3	5	2	6	7	1	8
....	....	....	....	....	....	....	....	....	....	....	....	....	....	15	6	..	21	19	2	21
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1	....	....	....	....	....	....	....	....	1	1	....	....	2	2	3	4	1	4	1	5
....	....	....	....	....	....	1	....	4	1	3	3	....	7	13	6	16	3	19	....	19
....	1	1	....	1	2	1	1	1	1	2	2	....	4	15	11	11	15	24	2	26
....	....	....	....	....	....	....	1	1	....	....	2	2	2	5	3	8	....	8	....	8
....	1	2	2	1	3	2	2	2	1	3	1	3	1	7	17	20	4	24	....	24
....	1	....	....	1	2	5	1	3	3	5	1	6	5	17	16	22	11	27	6	33
....	1	....	....	....	1	....	2	3	1	1	2	5	6	16	6	18	4	21	1	22
....	....	....	1	1	1	....	....	....	....	....	....	....	....	..	3	2	1	3	....	3
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	2	2	....	2
....	....	....	....	....	....	1	..	....	1	2	1	2	....	3	4	6	1	7	..	7
....	....	....	....	....	....	....	....	....	....	....	....	....	....	4	1	....	5	5	....	5
....	....	....	....	....	....	....	....	..	....	....	....	..	....	3	4	....	7	5	2	7
....	....	....	....	....	....	....	....	....	....	....	....	....	....	4	4	..	8	7	1	8
....	....	....	1	1	1	....	....	....	....	....	....	....	....	....	3	3	....	3	....	3
....	..	....	....	....	....	....	....	....	..	1	2	3	45	21	30	46	5	48	3	51
....	....	....	....	2	1	1	....	....	....	....	....	....	....	13	17	4	26	28	2	30
....	....	....	....	....	1	2	....	1	....	....	....	....	....	1	3	3	1	4	....	4
....	....	....	2	....	2	1	1	3	....	1	....	1	....	7	4	8	3	11	....	11
....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	1	....	1	....	1
2	1	....	3	1	3	2	3	4	2	....	1	....	....	15	8	16	7	20	3	23
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

TABLE NO. 12.

SHOWING THE REPORTED MORTALITY FOR FEBRUARY, 1900.

The annual death rate per 1,000 during the month was 14.56, this being based on a popu- annual increase. During the month there were 28 deaths more than the previous month. cluded in the monthly statement. Percentage of deaths in eleemosynary and other insti- tions to total mortality, 12.97. White population, 610,000; mortality rate per thousand, 13.57.

CAUSES OF DEATH.	Total deaths reported during Feb., 1900.	Total deaths reported during Feb., 1899.	AGES BY YEARS.						
			Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	Total under 5 years. White.	Total under 5 years. Colored.
Total Deaths from all Causes	786	923	113	31	9	8	7	146	22
Total Zymotic Diseases	73	96	16	6	4	3	6	33	2
Total Constitutional Diseases	140	165	8	4	....	....	....	9	3
Total Local Diseases	428	538	47	19	5	4	1	65	11
Total Developmental Diseases	96	89	41	1	....	....	....	36	6
Total Deaths by Violence	49	35	1	1	....	1	....	3	....
Total Unknown	....	....	....	....	....	....	....	....	....
Smallpox	....	....	....	....	....	....	....	....	....
Measles	4	1	1	1	....	....	....	2	....
Scarlatina	3	2	....	....	1	1	1	3	....
Diphtheria	21	11	3	1	2	....	3	9	....
Croup	4	7	....	1	....	1	1	3	....
Whooping Cough	2	7	....	1	....	1	....	2	....
Typhoid Fever	5	7	....	....	....	....	....	....	....
Cerebro-Spinal Fever	3	19	2	..	....	....	....	2	....
Rem't, Interm., Typ.-Mal'l, Cong. & S'ple Con. Fve.	3	8	....	....	....	....	....	....	....
Puerperal Fever	1	1	....	....	....	....	....	....	....
Diarrhœal Diseases { Under 5 years	6	16	4	1	1	....	....	6	....
Diarrhœal Diseases { Other ages	3	2	....	....	....	....	....	....	....
Erysipelas	8	....	5	....	....	....	....	4	1
Pyæmia and Septicæmia	3	7	....	....	....	....	....	....	....
Syphilis	3	3	1	....	....	....	....	1	....
Alcoholism	2	4	....	....	....	....	....	....	....
Other Zymotic Diseases	2	1	..	1	..	....	1	1	1
Cancer and Malignant Tumor	28	22	....	....	....	....	....	....	....
Phthisis and Tuberculosis—Pulmonary	93	106	2	....	....	....	....	2	....
Marasmus—Tabes Mesenterica and Scrofula	7	15	5	1	....	....	....	5	1
Hydrocephalus, Tubercular Meningitis, etc	7	13	1	1	....	....	....	1	1
Rheumatism and Gout	2	2	....	1	..	....	....	....	1
Other Constitutional Diseases	3	7	....	1	....	....	....	1	....
Bronchitis	36	50	14	3	2	1	....	16	4
Pneumonia	112	109	14	7	8	2	....	23	3
Other Diseases Respiratory Organs	24	27	4	1	....	....	....	5	....
Diseases of Circulatory System	58	56	2	....	....	....	1	3	....
Meningitis and Encephalitis	7	44	2	1	....	....	....	2	1
Convulsions and Trismus	8	15	4	4	....	....	....	7	1
Heat Stroke	....	....	....	....	....	....	....	....	....
LaGrippe	5	39	2	....	....	....	....	2	....
Apoplexy	16	13	....	....	....	....	....	....	....
Other Diseases of the Brain and Nervous System	42	50	2	3	....	1	....	4	2
Cirrhosis of Liver and Hepatitis	12	12	....	....	....	....	....	....	....
Enteritis, Gastro-Enteritis, Peritonitis & Gastritis	21	25	1	....	....	....	....	1	....
Bright's Disease and Nephritis	49	56	1	....	....	....	....	1	....
Other Diseases Urinary Organs	28	27	....	....	....	....	....	....	....
Diseases Generative Organs	6	....	....	....	....	....	....	....	....
Diseases Locomotory Organs	....	3	....	....	....	....	....	....	....
Diseases of the Integument	....	....	....	....	....	....	....	....	....
Other Local Diseases	11	12	1	....	....	....	....	1	....
Cyanosis	4	4	4	....	....	....	....	4	....
Inanition	10	7	9	1	..	....	....	7	3
Premature Birth	8	4	8	....	....	....	....	8	....
Puerperal Diseases (not incl. Puerperal Fever)	4	2	....	....	....	....	....	....	....
Senility	47	51	....	....	....	....	....	....	....
Other Developmental Diseases	23	21	20	..	....	....	....	17	3
Surgical Operations	2	2	....	....	....	....	....	....	....
Deaths by Suicide	8	4	....	....	....	....	....	....	....
Deaths by Homicide	6	4	..	....	....	....	....	....	....
Deaths by Accident	33	25	1	1	....	1	....	3	....
Execution by Warrant of Law	....	....	....	....	....	....	....	....	....
Unknown	....	....	....	....	....	....	....	....	....

TABLE NO. 12.—*Continued.*

lation of 623,000, computed on census figures of 1890 (460,000), at the rate of four per cent
39 certificates were issued for deaths occurring outside the city limits; these were not in-
tutions of a public character to total mortality, 24.55. Percentage of deaths in city institu-
Colored population, 37,000; mortality rate per thousand, 31.12.

AGES BY YEARS.														SEX.		SOCIAL RELATIONS.		COLOR.		
5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	MALE.	FEMALE.	MARRIED.	SINGLE.	WHITE	COLORED.	TOTAL.
23	10	18	24	43	45	55	38	51	48	60	45	54	104	450	336	422	364	690	96	786
12	8	2	3	...	3	3	4	3	2	1	....	2	...	43	30	14	59	68	5	73
2	...	5	7	17	13	20	5	16	9	19	6	7	2	81	59	77	63	115	25	140
14	4	9	10	19	23	33	19	29	34	34	34	41	59	238	190	261	167	377	51	428
....	....	....	2	1	2	1	....	....	....	3	1	4	40	40	47	48	48	85	11	96
....	3	2	2	6	4	8	5	3	3	3	4	....	3	39	10	22	27	45	4	49
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1	....	....	1	....	....	....	....	....	....	....	....	....	....	2	2	....	4	3	1	4
....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	....	....	3	3	....	3
8	3	1	....	....	....	....	....	....	....	....	....	....	....	12	9	....	21	20	1	21
1	....	....	....	....	....	....	....	....	....	....	....	....	....	3	1	....	4	4	....	4
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	2	2	....	2
1	....	1	....	....	....	2	1	....	....	....	....	....	....	2	3	2	3	5	....	5
1	....	....	....	....	....	....	....	....	....	....	....	....	....	2	1	....	3	3	....	3
....	....	....	1	....	....	....	....	....	1	....	....	1	....	3	....	1	2	3	....	3
....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	1	....	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	3	....	6	6	....	6
....	....	....	....	....	1	....	....	....	....	1	....	1	....	1	2	2	1	3	....	3
....	....	....	....	....	....	1	2	....	....	....	....	....	....	6	2	3	5	7	1	8
....	....	....	....	....	1	....	1	1	....	....	....	....	....	....	3	3	....	3	....	3
....	....	....	....	....	....	....	....	1	1	....	....	....	....	3	....	1	2	2	1	3
....	....	....	....	....	1	....	....	1	....	....	....	....	....	2	....	1	1	2	....	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	2	1	1	2
....	....	....	....	....	2	3	....	6	1	9	3	2	2	9	19	21	7	25	3	28
1	....	5	7	15	10	16	5	9	7	10	2	4	....	62	31	50	43	77	16	93
1	....	....	....	....	....	....	....	....	....	....	....	....	....	2	5	....	7	5	2	7
....	....	....	....	1	1	1	....	1	....	....	1	....	....	5	2	4	3	4	3	7
....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	1	1	1	1	1	2
....	....	....	....	1	....	....	....	....	1	....	....	....	....	2	1	1	2	3	....	3
1	....	....	....	....	....	....	1	....	1	3	1	3	6	18	18	18	18	32	4	36
6	2	1	4	6	4	11	3	9	4	7	11	6	12	71	41	57	55	98	14	112
....	....	1	....	....	1	1	....	2	1	5	1	4	8	10	14	18	6	21	3	24
....	....	2	1	5	1	4	2	4	7	5	5	7	10	30	26	41	15	54	2	56
2	....	1	1	....	....	....	....	....	....	....	....	....	....	4	3	....	7	5	2	7
....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	5	....	8	7	1	8
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	1	1	....	....	1	....	....	2	3	3	2	5	....	5
....	....	....	....	....	....	....	2	....	2	3	3	2	4	9	7	15	1	16	....	16
2	....	....	....	3	2	2	3	....	4	2	4	5	9	22	20	30	12	36	6	42
....	....	....	....	....	2	....	....	1	3	3	....	3	....	9	3	10	2	12	....	12
3	1	2	....	....	2	2	3	2	2	....	1	....	2	14	7	8	13	17	4	21
....	....	....	3	2	6	1	1	8	5	3	4	5	10	29	20	31	18	39	10	49
....	1	1	1	1	2	1	2	1	2	2	1	5	3	10	13	17	6	20	3	23
....	....	1	....	....	3	1	....	....	1	....	....	....	....	....	6	4	2	4	2	6
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	2	....	....	1	1	2	1	2	1	....	7	4	9	2	11	....	11
....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	1	....	4	4	....	4
....	....	....	....	....	....	....	....	....	....	....	....	....	....	6	4	....	10	7	3	10
....	....	....	....	....	....	....	....	....	....	....	....	....	....	7	1	....	8	8	....	8
....	....	....	1	....	1	1	....	....	....	....	....	....	1	1	3	4	....	3	1	4
....	....	....	....	....	....	....	....	....	....	3	1	4	39	19	28	41	6	44	3	47
....	....	....	1	1	1	....	....	....	....	....	....	....	....	13	10	3	20	19	4	23
....	....	....	....	....	....	2	....	....	....	....	....	....	....	....	2	1	1	2	....	2
....	....	1	....	1	....	1	1	1	1	....	1	....	....	6	2	5	3	8	....	8
....	1	....	....	2	1	1	1	....	....	....	....	....	....	6	....	....	6	5	1	6
....	2	1	2	3	3	4	3	2	1	3	3	....	3	27	6	16	17	30	3	33
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

TABLE NO. 13.

SHOWING THE REPORTED MORTALITY FOR MARCH, 1900.

The annual death rate per 1,000 during the month was 18 48, this being based on a popu- annual increase. During the month there were 211 deaths more than the previous month. included in the monthly statement. Percentage of deaths in eleemosynary and other insti- tions to total mortality, 14.24. White population, 610,000; mortality rate per thousand, 17.38.

CAUSES OF DEATH.	Total deaths reported during March, 1900.	Total deaths reported during March, 1899.	AGES BY YEARS.					Total under 5 years.	
			Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	White.	Colored.
Total Deaths from all Causes	997	986	206	36	18	25	9	282	32
Total Zymotic Diseases	103	135	16	8	5	12	4	41	4
Total Constitutional Diseases	159	185	26	3	..	2	...	26	5
Total Local Diseases	580	529	100	25	13	10	4	135	17
Total Developmental Diseases	121	96	64	...	...	1	...	59	6
Total Deaths by Violence	34	30	....	...	...	...	1	1	....
Total Unknown	....	1	....	...	...	...	....	....	....
Smallpox	....	2	....	..	...	....	....	....	....
Measles	3	1	1	1	...	....	....	2	...
Scarlatina	4	3	...	1	...	....	..	1	....
Diphtheria	28	16	2	3	4	6	3	18	....
Croup	3	5	....	..	....	3	....	3	....
Whooping Cough	2	10	...	1	....	1	..	1	1
Typhoid Fever	16	4	....	....	....	....	....	....	....
Cerebro-Spinal Fever	2	41	....	....	....	....	....	....	....
Rem't, Interm., Typ.-Mal'l, Cong. & S'ple Con. Fevs	9	6	1	1	1	1	....	3	1
Puerperal Fever	2	1	....	....	....	....	....	....	....
Diarrhœal Diseases: Under 5 years.	8	19	6	1	...	1	....	6	2
Diarrhœal Diseases: Other ages	3	8	....	..	....	....	....	....	....
Erysipelas	5	6	2	....	...	..	....	2	....
Pyæmia and Septicæmia	9	11	1	....	....	....	....	1	....
Syphilis	3	2	3	....	....	....	....	3	....
Alcoholism	4	3	....	....	....	....	....	....	....
Other Zymotic Diseases	2	2	...	....	....	....	1	1	....
Cancer and Malignant Tumor	28	26	....	1	....	1	....	1	1
Phthisis and Tuberculosis—Pulmonary	88	118	....	..	....	....	..	....	....
Marasmus—Tabes Mesenterica and Scrofula	24	27	21	1	....	..	....	21	1
Hydrocephalus, Tubercular Meningitis, etc	12	11	4	1	..	1	....	4	2
Rheumatism and Gout	4	7	....	....	....	..	....	....	....
Other Constitutional Diseases	3	6	1	..	..	..	....	..	1
Bronchitis	58	64	28	8	..	..	..	32	4
Pneumonia	208	139	40	12	8	8	1	60	9
Other Diseases Respiratory Organs	24	18	2	1	....	..	..	2	1
Diseases Circulatory System	52	60	1	..	....	....	....	1	..
Meningitis and Encephalitis	13	42	1	...	...	1	1	3	...
Convulsions and Trismus	17	22	15	...	2	....	....	16	1
Heat Stroke	....	....	....	....	....	....	....	....	....
LaGrippe	11	14	4	1	....	....	1	6	...
Apoplexy	16	11	....	....	....	....	....	....	....
Other Diseases of the Brain and Nervous System	44	53	5	1	3	1	1	10	1
Cirrhosis of Liver and Hepatitis	24	10	....	....	....	....	....	....	....
Enteritis, Gastro-Enteritis, Peritonitis & Gastritis	19	25	..	....	....	....	....	....	....
Bright's Disease and Nephritis	51	33	....	....	....	....	....	....	....
Other Diseases Urinary Organs	22	25	....	....	....	....	....	....	....
Diseases Generative Organs	4	....	....	....	....	....	....	....	....
Diseases Locomotory Organs	5	1	2	....	..	....	....	2	....
Diseases of the Integument	1	1	....	....	....	....	....	....	....
Other Local Diseases	16	11	2	2	....	....	....	3	1
Cyanosis	7	1	7	..	....	....	....	7	..
Inanition	13	6	11	....	....	1	....	11	1
Premature Birth	7	5	7	....	....	....	....	5	2
Puerperal Diseases (not inc. Puerperal Fever)	2	7	....	....	....	....	....	..	....
Senility	53	52	....	....	....	....	....	....	....
Other Developmental Diseases	39	25	39	..	..	....	..	36	3
Surgical Operations	3	3	....	..	....	....	....	....	....
Deaths by Suicide	10	5	....	....	..	..	..	....	....
Deaths by Homicide	6	5	....	....	....	....	..	....	....
Deaths by Accident	15	17	...	..	....	....	1	1	....
Execution by Warrant of Law	....	....	..	....	....	....	....	..	....
Unknown	....	1	....	....	....	....	....	....	....

TABLE NO. 18.—*Continued.*

lation of 623,000, computed on census figures of 1890 (460,000), at the rate of four per cent
54 certificates were issued for deaths occurring outside the city limits; these were not
tutions of a public character to total mortality, 23.57. Percentage of deaths in city institu-
Colored population, 37,000; mortality rate per thousand, 36.64.

AGES BY YEARS.													SEX.		SOCIAL RELATIONS		COLOR.		
5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	MALE.	FEMALE.	MARRIED.	SINGLE.	WHITE.	COLORED.	TOTAL.
27	12	29	48	46	50	44	55	50	52	55	66	54	115	552	445	463	534	884	113	997
12	5	4	10	3	8	4	3	1	2	1	1	2	2	50	53	23	80	94	9	103
5	1	6	13	18	13	13	10	9	11	11	9	6	8	86	73	72	87	134	25	159
7	6	14	24	24	24	25	38	38	36	39	55	40	58	335	245	300	280	516	64	580
....	....	....	....	1	....	....	1	....	....	2	1	6	45	59	62	50	71	108	13	121
3	....	5	1	5	5	2	3	2	3	2	....	....	2	22	12	18	16	32	2	34
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	2	....	3	3	....	3
3	....	....	....	....	....	....	....	....	....	....	....	....	....	1	3	....	4	4	....	4
8	2	....	....	....	....	....	....	....	....	....	....	....	....	18	10	..	28	27	1	28
....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	1	....	3	3	....	3
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	2	1	1	2
....	1	2	5	1	3	1	1	....	....	1	....	1	..	8	8	6	10	16	....	16
....	1	....	1	....	....	....	....	....	....	....	....	....	....	1	1	..	2	2	..	2
....	....	....	1	1	....	1	....	....	1	....	....	....	....	4	5	4	5	7	2	9
....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	2	2	....	2	..	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	6	..	8	6	2	8
....	....	....	....	....	1	....	....	....	....	....	....	1	1	2	1	2	1	2	1	3
....	....	1	..	..	1	....	1	....	....	....	....	..	..	2	3	1	4	3	2	5
1	....	1	1	1	3	....	1	....	....	....	....	....	..	4	5	5	4	9	..	9
....	....	....	....	....	....	....	....	....	....	....	....	....	..	1	2	....	3	3	....	3
..	....	....	1	....	....	1	....	1	1	....	....	..	..	3	1	2	2	4	..	4
....	....	....	....	....	....	....	....	....	....	....	....	1	..	..	2	1	1	2	....	2
1	....	....	1	....	1	4	1	4	1	4	2	3	4	9	19	21	7	26	2	28
2	1	6	11	13	10	9	8	4	9	3	6	3	3	50	38	42	46	71	17	88
....	....	....	....	....	....	....	1	..	..	1	..	....	....	10	14	2	22	23	1	24
1	....	....	....	....	1	....	..	1	1	2	....	....	..	11	1	3	9	10	2	12
1	....	....	....	....	1	....	....	....	....	1	1	....	....	3	1	3	1	3	1	4
....	....	....	1	....	..	....	....	....	....	..	..	....	1	3	....	1	2	1	2	3
....	....	1	....	....	....	....	1	2	2	2	3	2	9	27	31	18	40	52	6	58
4	3	4	11	8	11	8	12	11	8	12	12	12	18	119	84	83	120	180	23	203
....	....	....	3	1	1	1	1	2	2	2	3	3	2	16	8	15	9	21	3	24
1	2	3	2	2	1	1	8	5	4	9	5	4	4	27	25	35	17	45	7	52
2	....	....	1	1	3	1	..	1	....	..	1	....	....	9	4	5	8	11	2	13
....	....	....	....	....	....	....	....	....	....	..	..	..	....	13	4	....	17	16	1	17
....	....	....	....	....	....	....	....	....	1	1	2	1	..	6	5	4	7	10	1	11
....	....	....	....	....	....	....	1	....	....	....	7	1	7	9	7	15	1	13	3	16
....	....	....	....	2	2	5	4	6	1	..	4	3	6	27	17	26	18	38	6	44
....	....	....	....	..	2	2	2	4	3	2	5	4	....	14	10	21	3	23	1	24
....	1	2	2	5	1	2	....	1	....	....	2	2	1	10	9	10	9	18	1	19
....	....	2	4	4	1	3	5	2	12	6	4	4	4	31	20	33	18	43	8	51
....	....	2	....	1	....	2	1	2	1	3	2	3	5	13	9	18	4	21	1	22
....	....	....	....	....	2	....	....	....	1	1	....	....	....	....	4	3	1	4	..	4
....	..	....	....	....	....	....	1	....	....	....	1	....	1	4	1	1	4	5	..	5
..	....	....	....	....	....	....	1	....	....	....	....	....	....	1	..	1	....	1	....	1
....	..	..	1	..	..	....	1	2	1	1	4	1	1	9	7	12	4	15	1	16
....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	4	....	7	7	....	7
....	....	....	....	..	..	....	....	....	....	1	..	....	....	6	7	..	13	12	1	13
....	....	....	....	....	....	....	....	....	....	....	....	....	....	4	3	..	7	5	2	7
....	....	....	....	1	....	....	1	....	....	....	....	....	....	....	2	2	....	2	..	2
....	..	..	....	....	....	....	..	..	....	....	1	1	6	45	21	32	48	5	46	53
....	....	....	....	....	....	....	....	....	....	....	....	....	....	25	14	..	39	36	3	39
....	....	1	..	....	1	..	1	....	....	....	....	....	....	2	1	1	2	3	....	3
....	....	2	....	1	3	1	....	1	1	..	....	....	1	6	4	8	2	10	....	10
....	....	1	1	1	1	..	....	1	....	1	....	....	....	5	1	2	4	5	1	6
3	....	1	....	3	....	1	2	....	2	1	..	..	1	9	6	7	8	14	1	15
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

TABLE NO. 14.

SHOWING THE REPORTED MORTALITY FOR APRIL, 1900.

The annual death rate per 1,000 during the month was 18 91, this being based on a popu- annual increase. During the month there were 23 deaths more than the previous month 45 in the monthly statement. Percentage of deaths in eleemosynary and other institutions of mortality, 15.00. White population, 610,000; mortality rate per thousand, 17.73. Colored popu-

CAUSES OF DEATH.	Total deaths reported during April, 1900.	Total deaths reported during April, 1899.	AGES BY YEARS.						
			Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	Total Under 5 years. White.	Total Under 5 years. Colored.
Total Deaths from all Causes	1020	1007	147	31	19	20	11	206	22
Total Zymotic Diseases	73	121	12	9	7	7	6	38	3
Total Constitutional Diseases	174	177	15	2	1	1	...	16	3
Total Local Diseases	626	554	80	20	10	11	4	112	13
Total Developmental Diseases	102	114	39	....	....	....	....	36	3
Total Deaths by Violence	44	41	1	....	1	1	1	4	....
Total Unknown	1	....	....	....	....	....	....	....	....
Smallpox	1	1	....	....	....	....	....	....	....
Measles	5	9	....	3	....	1	....	4	....
Scarlatina	3	2	....	....	....	2	1	3	....
Diphtheria	20	11	1	2	3	2	3	11	....
Croup	4	5	....	1	2	1	....	4	....
Whooping Cough	3	6	1	1	....	1	....	2	1
Typhoid Fever	4	5	....	....	....	....	....	....	....
Cerebro-Spinal Fever	1	31	....	1	....	....	....	1	....
Rem't, Interm, Typ.-Mal'l, Cong. & S'ple Con. Fevs	7	6	....	....	....	....	2	2	....
Puerperal Fever	....	....	....	....	....	....	....	....	....
Diarrhœal Diseases: Under 5 years	6	15	5	1	....	....	....	6	....
Diarrhœal Diseases: Other ages	6	4	....	....	....	....	....	....	....
Erysipelas	4	5	3	....	....	....	....	2	1
Pyæmia and Septicæmia	3	14	....	....	....	....	....	....	....
Syphilis	....	2	....	....	....	....	....	....	....
Alcoholism	2	4	....	....	....	....	....	....	....
Other Zymotic Diseases	4	1	2	....	2	....	....	3	1
Cancer and Malignant Tumor	33	27	....	....	....	....	....	....	....
Phthisis and Tuberculosis—Pulmonary	100	104	....	....	1	....	....	1	....
Marasmus—Tabes Mesenterica and Scrofula	17	17	12	1	....	....	....	12	1
Hydrocephalus, Tubercular Meningitis, etc	12	21	1	1	....	1	....	3	....
Rheumatism and Gout	2	4	....	....	....	....	....	....	....
Other Constitutional Diseases	10	4	2	....	....	....	....	....	2
Bronchitis	44	55	14	4	2	1	....	17	4
Pneumonia	248	165	34	12	3	1	....	45	5
Other Diseases Respiratory Organs	36	24	3	....	....	1	1	4	1
Diseases of Circulatory System	64	65	....	....	1	....	1	2	....
Meningitis and Encephalitis	9	31	4	1	2	1	....	8	....
Convulsions and Trismus	20	18	15	3	1	1	....	18	2
Heat Stroke	....	....	....	....	....	....	....	....	....
LaGrippe	18	2	1	....	....	4	1	6	....
Apoplexy	19	12	....	....	....	....	....	....	....
Other Diseases of the Brain and Nervous System	44	51	6	....	1	1	1	8	1
Cirrhosis of Liver and Hepatitis	17	10	....	....	....	....	....	....	....
Enteritis, Gastro-Enteritis, Peritonitis & Gastritis	23	28	2	....	....	....	....	2	....
Bright's Disease and Nephritis	38	45	....	....	....	....	....	....	....
Other Diseases Urinary Organs	24	24	....	....	....	....	....	....	....
Diseases Generative Organs	9	2	....	....	....	....	....	....	....
Diseases Locomotory Organs	....	....	....	....	....	....	....	....	....
Diseases of the Integument	1	1	....	....	....	....	....	....	....
Other Local Diseases	12	21	1	....	....	1	....	2	....
Cyanosis	4	2	4	....	....	....	....	4	....
Inanition	9	10	8	....	....	....	....	7	1
Premature Birth	8	7	8	....	....	....	....	7	1
Puerperal Diseases (not including Puerp'l Fever)	2	6	....	....	....	....	....	....	....
Senility	53	55	....	....	....	....	....	....	....
Other Developmental Diseases	26	34	19	....	....	....	....	18	1
Surgical Operations	4	3	1	....	....	....	....	1	....
Deaths by Suicide	8	11	....	....	....	....	....	....	....
Deaths by Homicide	5	5	....	....	....	....	....	....	....
Deaths by Accident	26	21	....	....	1	1	1	3	....
Execution by Warrant of Law	....	1	....	....	....	....	....	....	....
Unknown	1	....	....	....	....	....	....	....	....

TABLE NO. 14—*Continued.*

lation of 540,000, computed on census figures of 1890 (460,000), at the rate of four per cent certificates were issued for deaths occurring outside the city limits; these were not included a public character to total mortality, 24.80. Percentage of deaths in city institutions to total lation, 37,000; mortality rate per thousand, 38.26.

AGES BY YEARS.														SEX.		SOCIAL RELATIONS.		COLOR.		
5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	MALE.	FEMALE.	MARRIED.	SINGLE.	WHITE.	COLORED.	TOTAL.
17	13	26	43	58	55	65	53	58	59	72	65	61	147	563	457	545	475	902	118	1020
6	3	2	1	5	1	4	1	1	3	...	1	3	1	41	32	13	60	69	4	73
1	1	12	12	18	26	18	7	15	7	13	8	7	10	87	87	96	78	150	24	174
9	8	10	26	28	24	37	41	40	43	54	51	42	90	358	268	348	278	549	77	626
...	...	...	...	2	1	1	...	...	..	3	3	8	45	44	58	62	40	92	10	102
1	1	2	4	7	3	5	4	2	5	2	2	1	1	32	12	26	18	41	3	44
...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	1	1	...	1
...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	1	1	..	1
1	...	...	...	...	...	...	...	...	...	...	...	...	...	2	3	...	5	5	..	5
...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	1	...	3	3	...	3
5	3	1	...	...	...	...	...	...	...	...	...	...	...	10	10	...	20	20	...	20
...	...	..	...	...	...	...	...	...	...	...	...	...	...	3	1	...	4	4	...	4
...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	3	2	1	3
...	...	...	..	1	1	1	1	..	..	...	...	...	...	4	...	2	2	3	1	4
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	..	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	2	3	4	7	...	7
...	...	...	1	...	...	1	...	...	1	...	1	...	1	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	4	...	6	6	...	6
...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	3	4	2	6	..	6
...	...	...	...	...	...	2	...	1	1	..	...	2	...	2	2	1	3	3	1	4
...	...	1	..	1	...	...	...	...	1	..	...	...	...	1	2	2	1	3	...	3
...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
...	...	...	...	2	...	...	...	...	...	...	...	...	...	2	...	1	1	2	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2	...	4	3	1	4
...	...	...	1	...	1	5	...	4	3	6	6	3	4	12	21	29	4	32	1	33
...	...	12	8	15	23	8	7	10	3	7	1	2	3	55	45	52	48	82	18	100
1	...	...	1	...	...	...	...	...	...	...	...	...	2	9	8	3	14	16	1	17
...	..	...	1	2	1	4	...	1	...	...	...	...	...	6	6	7	5	11	1	12
...	...	...	...	...	1	...	...	...	...	...	...	...	1	1	1	1	1	2	...	2
...	1	...	1	1	...	1	...	...	1	...	1	5	...	4	6	4	6	7	3	10
...	...	1	3	...	...	...	...	...	1	...	5	4	9	26	18	21	23	39	5	44
5	3	3	11	14	9	11	17	22	14	25	20	18	26	156	92	133	115	221	27	248
...	1	...	...	2	4	1	2	..	2	4	3	1	11	20	16	26	10	28	8	36
2	2	1	5	...	2	3	8	4	6	7	6	5	11	29	35	40	24	55	9	64
...	...	...	...	...	1	..	...	...	...	...	...	...	...	4	5	...	9	9	...	9
...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	10	...	20	18	2	20
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	1	...	...	...	1	2	2	1	1	4	10	8	11	7	18	..	18
...	...	...	...	...	...	2	1	2	...	...	4	5	5	10	9	14	5	17	2	19
...	...	3	1	4	2	2	3	1	4	5	2	3	5	25	19	22	22	34	10	44
...	..	1	..	...	...	1	3	2	5	...	2	..	3	10	7	10	7	13	4	17
...	1	...	3	1	4	4	...	1	1	1	1	1	3	13	10	12	11	23	...	23
2	...	..	1	...	...	5	4	1	7	6	2	3	7	26	12	24	14	34	4	38
...	...	...	1	2	1	6	3	4	..	2	3	..	2	12	12	17	7	20	4	24
...	...	1	1	2	1	1	...	...	1	1	...	...	1	...	9	8	1	7	2	9
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	1	1	1	...	1
...	1	...	..	...	...	1	...	2	..	1	2	1	2	7	5	9	3	12	..	12
...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	3	...	4	4	...	4
...	...	...	...	...	...	...	...	...	...	...	...	1	...	4	5	8	1	8	1	9
...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	5	..	8	7	1	8
...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	2	2	..	1	1	2
...	...	...	...	1	..	1	...	...	...	1	2	7	43	24	29	45	8	48	5	53
...	...	...	...	...	...	...	...	...	...	2	1	...	2	12	14	7	19	24	2	26
...	...	...	...	...	...	...	...	...	1	1	...	...	1	1	3	4	..	4	...	4
...	...	...	1	2	1	1	...	1	1	1	...	...	...	7	1	5	3	8	...	8
...	1	1	1	1	...	1	...	...	...	...	...	...	...	5	...	1	4	2	3	5
1	...	1	2	4	2	3	4	1	2	...	2	1	..	18	8	16	10	26	...	26
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	1	1	...	1

TABLE NO. 15.

SHOWING THE REPORTED MORTALITY FOR MAY, 1900.

The annual death rate per 1,000 during the year was 14.53, this being based on a popula- annual increase. During the year there were 286 deaths less than the previous year. 48 cluded in the monthly statements. Percentage of deaths in eleemosynary and other inst tutions to total mortality, 16.45. White population, 610,000; mortality rate per thou-

CAUSES OF DEATH.	Total deaths reported during May, 1900.	Total deaths reported during May, 1899.	AGES BY YEARS.						
			Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	Total under 5 years. White.	Total under 5 years. Colored.
Total Deaths from all Causes	784	775	120	34	11	21	8	173	21
Total Zymotic Diseases	89	100	21	16	2	9	5	47	6
Total Constitutional Diseases	156	167	14	3	2	1	1	18	3
Total Local Diseases	395	361	47	12	7	8	1	68	7
Total Developmental Diseases	86	101	38	2	....	2	....	37	5
Total Deaths by Violence	53	44	....	1	....	1	1	3	....
Total Unknown	5	2	....	....	....	....	....	....	....
Smallpox	....	....	....	....	....	....	....	....	....
Measles	15	2	7	4	....	2	..	9	4
Scarlatina	9	....	2	1	....	....	3	6	....
Diphtheria	25	15	1	4	2	4	2	13	....
Croup	6	2	....	4	....	1	....	4	1
Whooping Cough	1	7	....	1	....	....	....	1	....
Typhoid Fever	4	2	....	....	....	....	....	....	....
Cerebro-Spinal Fever	2	25	....	....	....	1	....	1	....
Rem't,Interm.,Typ-Mal'l,Cong.and Sp'le Con.Fev	7	12	2	..	..	1	....	3	....
Puerperal Fever	....	....	....	....	....	....	....	....	....
Diarrhœal Diseases: Under 5 years	8	15	6	2	....	....	....	7	1
Diarrhœal Diseases: Other ages	2	6	....	....	....	....	....	....	....
Erysipelas	5	4	2	....	....	....	..	2	....
Pyæmia and Septicæmia	3	3	....	....	....	....	....	....	....
Syphilis	....	3	....	....	....	....	....	....	....
Alcoholism	2	2	1	....	....	....	....	1	....
Other Zymotic Diseases	....	3	....	....	....	....	....	....	....
Cancer and Malignant Tumor	30	29	....	....	....	....	....	....	....
Phthisis and Tuberculosis—Pulmonary	89	91	....	1	1	....	....	2	....
Marasmus—Tabes Mesenterica and Scrofula	16	26	12	1	....	....	....	11	2
Hydrocephalus, Tubercular Meningitis, etc.	15	15	2	1	1	1	1	5	1
Rheumatism and Gout	2	1	....	....	....	....	....	....	....
Other Constitutional Diseases	4	5	....	....	....	....	....	....	....
Bronchitis	19	16	2	1	3	1	....	6	1
Pneumonia	95	57	13	7	3	3	....	25	1
Other Diseases Respiratory Organs	20	19	4	1	....	1	..	6	....
Diseases of Circulatory System	62	48	....	....	....	....	....	....	....
Meningitis and Encephalitis	10	31	5	....	....	1	....	6	....
Convulsions and Trismus	17	19	15	2	....	..	....	14	3
Heat Stroke	....	....	....	....	....	....	....	....	....
LaGrippe	3	3	....	....	....	....	..	....	....
Apoplexy	12	16	....	....	....	....	....	....	....
Other Diseases of the Brain and Nervous System	39	41	6	....	....	1	1	6	2
Cirrhosis of Liver and Hepatitis	9	19	....	....	....	....	....	....	....
Enteritis,Gastro-Enteritis,Peritonitis & Gastritis	27	23	....	....	....	....	....	....	....
Bright's Disease and Nephritis	47	44	....	....	1	....	..	1	....
Other Diseases Urinary Organs	18	12	....	..	....	....	....	....	..
Diseases Generative Organs	4	3	....	....	....	....	..	....	....
Diseases Locomotory Organs	4	....	1	....	....	....	....	1	....
Diseases of the Integument	....	1	....	....	....	....	....	....	....
Other Local Diseases	9	9	1	1	....	1	....	3	....
Cyanosis	5	2	4	....	....	1	..	5	....
Inanition	4	8	4	....	....	..	....	3	1
Premature Birth	12	7	12	....	....	....	....	11	1
Puerperal Diseases'(not including Puerp'l Fever)	....	6	....	....	....	....	....	....	....
Senility	39	48	....	....	....	....	....	....	....
Other Developmental Diseases	26	30	18	2	..	1	..	18	3
Surgical Operations	1	1	....	....	....	....	..	....	....
Deaths by Suicide	11	10	....	....	....	....	....	....	....
Deaths by Homicide	14	3	....	....	....	....	....	....	....
Deaths by Accident	26	30	....	1	....	1	1	3	....
Execution by Warrant of Law	1	....	....	....	....	....	....	....	....
Unknown	5	2	....	....	....	....	..	....	....

TABLE NO. 15.—*Continued.*

tion of 540,000, computed on census figures of 1890 (469,000), at the rate of four per cent certificates were issued for deaths occurring outside the city limits; these were not in- institutions of a public character to total mortality, 27.93. Percentage of deaths in city sand, 13.08. Colored population, 37,000; mortality rate per thousand, 38.26.

AGES BY YEARS.														SEX.		SOCIAL RELATIONS.		COLOR.		
5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	MALE.	FEMALE.	MARRIED.	SINGLE.	WHITE.	COLORED.	TOTAL.
34	9	16	37	58	56	50	34	51	45	25	44	44	92	441	343	388	396	666	118	784
19	1	...	1	1	2	2	...	1	2	...	2	4	1	46	43	16	73	78	11	89
1	1	4	14	26	17	8	10	14	10	6	3	3	18	80	76	76	80	133	23	156
10	4	7	15	17	31	32	22	34	29	16	30	33	40	223	172	231	164	335	60	395
1	...	1	...	11	...	...	...	...	1	2	4	3	31	45	41	38	48	74	12	86
3	3	4	7	8	5	5	1	2	3	1	5	1	2	43	10	26	27	42	11	53
...	...	...	...	...	1	3	1	...	...	...	...	...	...	4	1	1	4	4	1	5
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...	...	...	...	...	...	4	11	...	15	11	4	15
3	...	...	...	...	...	...	...	...	...	...	...	...	...	6	3	...	9	9	...	9
11	1	...	...	...	...	...	...	...	...	...	...	...	...	15	10	...	25	24	1	25
1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	5	2	4	5	1	6
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	...	1
1	...	...	1	...	...	...	...	...	1	...	1	...	...	2	2	2	2	2	2	4
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2	2	...	2
...	...	...	...	1	1	1	...	...	...	...	...	1	...	4	3	4	3	6	1	7
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	3	...	8	7	1	8
...	...	...	...	...	...	...	...	...	...	...	1	1	...	1	1	2	...	2	...	2
...	...	...	...	...	...	1	...	...	...	...	...	1	1	3	2	2	3	4	1	5
...	...	...	...	...	1	...	...	1	...	...	...	1	...	3	...	3	...	3	...	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	1	...	...	...	...	2	...	1	1	2	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	1	...	1	2	1	4	4	1	1	3	12	6	24	27	3	28	2	30
1	1	2	10	26	14	6	7	8	4	3	2	...	3	56	33	36	53	73	16	89
...	...	...	...	...	...	...	...	1	...	...	...	...	2	10	6	3	13	14	2	16
...	...	2	...	...	2	...	2	1	2	...	...	...	...	8	7	5	10	13	2	15
...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	2	2	...	2	...	2
...	...	...	2	...	...	...	...	...	...	...	...	...	1	...	4	3	1	3	1	4
2	...	...	2	...	3	...	...	...	...	...	3	1	1	8	11	8	11	17	2	19
3	..	3	6	5	6	7	7	6	7	4	4	5	6	61	34	38	57	75	20	95
1	...	...	2	1	2	2	...	...	1	...	3	...	2	11	9	8	12	18	2	20
1	2	1	2	5	5	6	5	5	4	5	5	7	9	35	27	42	20	49	13	62
...	...	1	...	...	1	...	1	...	...	...	...	1	...	10	...	1	9	9	1	10
...	..	...	...	...	...	...	...	...	...	...	...	...	...	9	8	..	17	14	3	17
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	1	...	...	1	1	...	2	1	3	...	3	...	3
...	...	...	...	...	2	...	1	1	3	...	...	2	3	8	4	10	2	12	...	12
1	1	2	1	...	2	5	2	1	3	2	1	3	7	19	20	25	14	35	4	39
...	...	...	...	...	3	...	...	1	1	1	2	1	...	4	5	9	...	9	..	9
...	1	..	1	3	4	3	2	7	1	2	2	1	...	8	19	23	4	25	2	27
1	...	...	1	1	1	7	4	6	4	1	8	6	6	30	17	38	9	37	10	47
...	...	...	...	...	2	1	...	2	4	1	...	4	4	9	9	16	2	16	2	18
...	...	...	...	1	...	1	...	1	...	...	...	...	1	...	4	4	...	4	...	4
1	...	...	...	..	...	...	...	2	...	...	...	...	...	3	1	1	3	3	1	4
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	1	...	...	...	1	1	...	1	1	1	6	3	5	4	9	..	9
...	...	...	...	...	..	..	...	..	..	...	...	...	...	5	...	...	5	5	...	5
...	...	...	...	...	...	...	...	...	...	...	...	...	..	2	2	...	4	3	1	4
...	...	...	...	...	...	...	...	...	...	...	...	...	..	5	7	...	12	11	1	12
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	1	...	4	5	31	17	22	34	5	33	6	39
1	...	1	...	1	...	...	...	...	...	2	...	...	...	16	10	4	22	22	4	26
...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	1	...	1	...	1
...	...	1	...	1	1	3	...	...	2	1	1	...	1	10	1	9	2	11	..	11
...	...	1	4	4	1	1	1	1	...	...	1	...	...	13	1	7	7	10	4	14
3	3	2	3	2	2	1	...	1	1	...	3	1	1	19	7	8	18	20	6	26
...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	1	...	...	1	1
...	...	...	...	...	1	3	1	...	...	...	...	...	...	4	1	1	4	4	1	5

TABLE NO. 16.

SHOWING THE REPORTED MORTALITY FOR JUNE, 1900.

The annual death rate per [illegible],000 during the year was 13.93, this being based on a popu- annual increase. During the year there were 31 deaths less than the previous year. 48 in the monthly statements. Percentage of deaths in eleemosynary and other institutions total mortality, 12.35. White population, 610,000; mortality rate per thousand, 12.75. Col-

CAUSES OF DEATH.	Total deaths reported during June, 1900.	Total deaths reported during June, 1899.	AGES BY YEARS. Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	Total under 5 years. White.	Colored.
Total Deaths from all Causes	753	741	176	34	17	12	10	221	28
Total Zymotic Diseases	100	138	69	18	10	5	7	99	10
Total Constitutional Diseases	160	154	25	...	...	2	...	25	2
Total Local Diseases	310	295	45	13	4	5	2	58	11
Total Developmental Diseases	79	98	36	2	...	...	...	34	4
Total Deaths by Violence	61	51	1	1	3	...	1	5	1
Total Unknown	3	5	..	...	...	...	...	...	...
Smallpox	...	...	...	...	...	...	...	...	...
Measles	7	2	2	3	..	...	...	4	1
Scarlatina	7	....	...	1	2	...	3	6	....
Diphtheria	25	12	...	...	7	4	2	12	1
Croup	1	3	1	...	..	...	...	1	....
Whooping Cough	....	4	...	...	...	...	...	...	....
Typhoid Fever	8	5	....	1	....	1	...	2	....
Cerebro-Spinal Fever	1	10	...	...	...	...	...	...	....
Rem't,Interm.,Typ.-Mal'l,Cong. & S'ple Con. Fevs	12	8	5	....	....	....	...	4	1
Puerperal Fever	1	1	...	...	...	...	...	...	....
Diarrhœal { Under 5 years	72	74	60	11	1	...	...	66	6
Diseases: { Other ages	10	6	...	...	...	...	...	...	....
Erysipelas	...	2	...	...	...	...	...	...	....
Pyæmia and Septicæmia	6	6	...	....	..	....	1	1	....
Syphilis	3	1	1	...	...	...	...	1	....
Alcoholism	4	4	...	...	...	...	...	...	....
Other Zymotic Diseases	3	...	...	2	....	...	1	2	1
Cancer and Malignant Tumor	31	25	...	...	...	...	...	...	....
Phthisis and Tuberculosis—Pulmonary	65	71	...	...	...	1	...	...	1
Marasmus—Tabes Mesenterica and Scofula	25	36	24	...	...	...	...	23	1
Hydrocephalus, Tubercular Meningitis, etc	9	14	1	...	...	1	...	2	....
Rheumatism and Gout	3	3	...	...	...	...	...	...	....
Other Constitutional Diseases	7	5	...	...	...	...	...	...	....
Bronchitis	22	18	8	2	...	...	...	5	5
Pneumonia	36	40	8	3	1	2	...	12	2
Other Diseases Respiratory Organs	9	12	1	....	2	...	....	3	....
Diseases of Circulatory System	51	43	....	....	...	1	....	1	....
Meningitis and Encephalitis	4	16	1	1	....	1	...	3	....
Convulsions and Trismus	22	19	17	3	1	..	....	18	3
Heat Stroke	1	4	...	...	...	...	...	...	....
LaGrippe	...	...	...	...	...	...	...	...	....
Apoplexy	9	9	...	...	...	...	...	...	....
Other Diseases of the Brain and Nervous System	46	42	10	3	...	1	...	13	1
Cirrhosis of Liver and Hepatitis	7	12	....	....	...	...	...	...	....
Enteritis, Gastro-Enteritis, Peritonitis & Gastritis	31	34	....	....	....	....	....	....	....
Bright's Disease and Nephritis	37	29	...	...	...	...	...	...	....
Other Diseases Urinary Organs	25	12	..	1	...	...	2	3	....
Diseases Generative Organs	1	3	..	...	...	...	...	...	....
Diseases Locomotory Organs	1	1	..	....	...	...	....	....	....
Diseases of the Integument	...	...	..	...	...	...	...	..	....
Other Local Diseases	8	11	....	..	..	...	...	....	....
Cyanosis	...	2	...	...	...	...	...	...	....
Inanition	14	15	14	...	...	...	...	11	3
Premature Birth	10	10	10	....	...	....	.	9	1
Puerperal Diseases (not inc. Puerperal Fever)	2	1	..	...	...	...	...	...	....
Senility	36	43	...	...	...	...	..	...	....
Other Developmental Diseases	17	27	12	2	...	...	...	14	..
Surgical Operations	...	2	...	...	...	...	..	...	....
Deaths by Suicide	15	14	....	...	....	....	...	...	...
Deaths by Homicide	21	7	...	...	...	...	...	...	....
Deaths by Accident	25	28	1	1	3	...	1	5	1
Execution by Warrant of Law	...	....	..	....	..	....	...	...	....
Unknown	3	5	...	...	...	...	..	..	...

TABLE NO. 16.—*Continued.*

lation of 540,000, computed on census figures of 1890 (460,000), at the rate of four per cent
certificates were issued for deaths occurring outside the city limits; these were not included
of a public character to total mortality, 24.83. Percentage of deaths in city institutions to
ored population, 87,000; mortality rate per thousand, 23.72.

AGES BY YEARS.														SEX.		SOCIAL RELATIONS.		COLOR.		
5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	MALE.	FEMALE.	MARRIED.	SINGLE.	WHITE.	COLORED.	TOTAL.
31	25	19	31	38	39	39	36	39	28	40	32	32	76	394	359	309	444	649	104	753
18	5	3	3	5	4	4	1	2	1	1	1	1	2	83	77	19	141	144	16	160
1	3	4	8	11	11	12	11	12	8	9	7	4	12	68	77	79	61	122	18	140
11	11	5	12	12	18	19	20	21	19	20	19	21	33	161	149	162	148	262	48	310
....	....	1	....	....	1	....	....	....	....	4	2	4	29	35	44	12	67	63	16	79
1	5	6	8	10	5	4	4	4	....	4	2	2	....	49	12	35	26	55	6	61
....	1	....	....	....	....	....	....	....	....	1	1	....	....	3	....	2	1	3	....	3
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2	....	....	....	....	....	....	....	....	....	....	....	....	....	5	2	....	7	6	1	7
1	....	....	....	....	....	....	....	....	....	....	....	....	....	5	2	....	7	7	....	7
8	4	....	....	....	....	....	....	....	....	....	....	....	....	12	13	....	25	23	2	25
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	1	1	1	2	....	....	....	1	....	....	....	....	....	6	2	3	5	6	2	8
....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
3	....	....	1	1	1	....	....	1	....	....	....	....	....	3	9	3	9	10	2	12
....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	1	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	34	38	....	72	66	6	72
3	....	....	....	....	1	1	1	....	....	....	1	1	2	5	5	6	4	10	....	10
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1	....	....	1	1	1	....	....	....	....	1	....	....	....	3	3	2	4	5	1	6
....	....	....	....	....	1	1	....	....	....	....	....	....	....	2	1	2	1	3	....	3
....	....	....	....	1	....	2	....	....	1	....	....	....	....	3	1	3	1	4	....	4
....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	....	....	3	2	1	3
....	....	....	....	1	2	3	....	4	3	4	2	3	9	13	18	29	2	30	1	31
....	1	4	5	7	8	9	9	7	5	2	4	1	2	29	36	40	25	53	12	65
....	....	....	....	1	....	....	....	....	....	....	....	....	....	12	13	1	24	24	1	25
1	....	....	2	1	1	....	1	....	....	....	....	....	1	6	3	3	6	7	2	9
....	1	....	....	....	....	....	....	....	....	2	....	....	....	....	3	2	1	3	....	3
....	1	....	1	1	....	....	1	1	....	1	1	....	....	3	4	4	3	5	2	7
....	....	....	1	1	....	1	1	1	..	1	3	1	2	12	10	10	12	15	7	22
....	....	....	1	2	1	1	2	2	4	1	3	3	2	19	17	18	18	31	5	36
....	1	..	1	....	....	1	....	1	1	....	....	....	1	4	5	3	6	8	1	9
2	6	2	1	5	5	3	5	3	3	4	4	2	5	23	28	31	20	45	6	51
....	....	....	....	....	....	....	....	....	....	....	....	1	....	2	2	1	3	4	....	4
1	....	....	....	....	....	....	....	....	....	....	....	....	..	18	9	....	22	19	3	22
....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	1	....	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	2	2	....	2	....	2	1	8	1	9	....	8	1	9
3	2	....	3	1	2	1	1	3	2	2	1	4	7	23	23	19	27	44	2	46
....	....	....	....	....	1	3	....	....	....	....	1	1	1	3	4	....	7	7	....	7
3	....	2	3	2	3	3	2	4	2	2	2	2	2	15	16	20	11	29	2	31
....	2	1	....	1	3	6	1	2	5	6	5	2	3	19	18	26	11	22	15	37
....	....	....	1	....	3	....	3	2	1	2	....	3	7	13	12	18	7	20	5	25
....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	1	....	1	....	1
....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	1	....	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2	....	....	1	....	1	....	2	....	1	....	....	....	1	5	3	4	4	7	1	8
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	5	9	..	14	11	3	14
....	....	....	....	....	....	....	....	....	....	....	....	....	....	5	5	....	10	9	1	10
....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	2	2	....	2	....	2
....	....	....	....	....	....	....	....	....	....	3	2	4	27	14	22	..	36	27	9	36
....	....	....	....	....	....	....	....	....	....	1	....	....	2	11	6	10	7	14	3	17
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	1	2	3	2	2	1	....	....	3	1	....	....	12	3	10	5	15	..	15
....	....	4	4	6	2	1	....	1	....	....	1	2	....	18	3	18	3	16	5	21
1	5	1	2	1	1	1	3	3	....	1	....	....	....	19	6	7	18	24	1	25
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	1	....	....	....	....	....	....	....	....	1	1	....	....	3	....	2	1	3	....	3

TABLE NO. 17.

SHOWING THE REPORTED MORTALITY FOR JULY, 1900.

The annual death rate per 1,000 during the year was 16.74, this being based on a popu- annual increase. During the year there were 150 more deaths than the previous year. 51 cluded in the monthly statements. Percentage of deaths in eleemosynary and other insti- tions to total mortality, 9.73. White population, 610,000; mortality rate per thousand, 16.12.

CAUSES OF DEATH.	Total deaths reported during July, 1900.	Total deaths reported during July, 1899.	AGES BY YEARS. Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	Total under 5 years. White.	Total under 5 years. Colored.
Total Deaths from all Causes	903	826	240	56	13	10	11	314	17
Total Zymotic Diseases	222	121	107	35	7	5	5	151	8
Total Constitutional Diseases	173	174	33	5	1	...	1	38	2
Total Local Diseases	347	301	49	9	5	5	4	67	5
Total Developmental Diseases	101	110	51	5	...	...	...	54	2
Total Deaths by Violence	57	58	....	2	....	...	1	3	....
Total Unknown	3	2	....	....	....	....	....	....	....
Smallpox	....	....	....	....	....	....	....	....	....
Measles	6	.....	3	..	1	1	1	6	....
Scarlatina	6	....	....	....	....	....	....	....	....
Diphtheria	20	10	....	4	2	2	3	11	....
Croup	1	1	..	1	....	....	....	1	....
Whooping Cough	....	7	....	....	....	....	....	....	....
Typhoid Fever	15	9	....	1	1	....	....	2	....
Cerebro-Spinal Fever	....	5	....	....	....	....	....	....	....
Rem't,Intrm.,Typo-Mal'l,Cong.and S'pic Con.Fev	9	18	2	1	....	....	....	2	1
Puerperal Fever	....	1	....	....	....	....	....	....	....
Diarrhœal Diseases. Under 5 years	132	122	101	27	2	2	....	126	6
Diarrhœal Diseases. Other ages	13	6	....	....	....	....	....	....	....
Erysipelas	1	....	....	....	....	....	....	....	....
Pyæmia and Septicæmia	13	2	1	....	1	....	....	2	....
Syphilis	1	....	....	....	....	....	....	....	....
Alcoholism	2	....	....	....	....	....	....	....	....
Other Zymotic Diseases	3	....	....	1	....	....	1	1	1
Cancer and Malignant Tumor	27	26	....	....	....	....	....	....	....
Phthisis and Tuberculosis—Pulmonary	80	89	1	....	....	1	....	1	....
Marasmus—Tabes Mesenterica and Scrofula	37	44	28	5	....	....	....	31	2
Hydrocephalus, Tubercular Meningitis, etc	19	9	3	....	1	....	1	5	....
Rheumatism and Gout	3	2	....	....	....	....	....	....	....
Other Constitutional Diseases	7	4	1	....	....	....	....	1	....
Bronchitis	7	10	1	....	....	2	....	3	....
Pneumonia	12	21	1	....	1	....	....	1	1
Other Diseases Respiratory Organs	22	8	2	2	2	....	....	6	....
Diseases of Circulatory System	54	47	....	....	....	....	....	....	....
Meningitis and Encephalitis	12	15	7	1	....	....	1	9	....
Convulsions and Trismus	29	21	20	4	1	1	1	25	2
Heat Stroke	3	2	1	....	....	....	....	1	....
LaGrippe	....	....	....	....	....	....	....	....	....
Apoplexy	14	15	....	....	....	....	....	....	....
Other Diseases of the Brain and Nervous System	59	44	14	2	....	1	1	17	1
Cirrhosis of Liver and Hepatitis	20	13	....	....	1	....	....	1	....
Enteritis, Gastro-Enteritis, Peritonitis & Gastritis	38	37	2	....	....	....	....	1	1
Bright's Disease and Nephritis	39	36	....	....	....	1	1	2	....
Other Diseases Urinary Organs	24	20	....	....	....	....	....	....	....
Diseases Generative Organs	3	4	....	....	....	....	....	....	....
Diseases Locomotory Organs	....	....	....	....	....	....	....	....	....
Diseases of the Integument	1	1	....	....	....	....	....	....	....
Other Local Diseases	10	7	1	....	....	....	....	1	....
Cyanosis	2	2	2	....	....	....	....	2	....
Inanition	25	22	24	1	....	....	....	24	1
Premature Birth	6	9	6	....	....	....	....	6	....
Puerperal Diseases (not including Puerp'l Fever)	2	3	....	....	....	....	....	....	....
Senility	36	44	....	....	....	....	....	....	....
Other Developmental Diseases	30	30	19	4	....	....	....	22	1
Surgical Operations	....	1	....	....	....	....	....	....	....
Deaths by Suicide	15	6	....	....	....	....	....	....	....
Deaths by Homicide	9	6	....	....	....	....	....	....	....
Deaths by Accident	33	45	....	2	....	....	1	3	....
Execution by Warrant of Law	....	....	....	....	....	....	....	....	....
Unknown	3	?	....	....	....	....	....	....	....

TABLE NO. 17.—*Continued.*

lation of 540,000, computed on census figures of 1890 (460,000), at the rate of four per cent
certificates were issued for deaths occurring outside the city limits; these were not in-
tutions of a public character to total mortality, 20.37. Percentage of deaths in city institu-
Colored population, 37,000; mortality rate per thousand, 26.91.

AGES BY YEARS.														SEX.		SOCIAL RELATIONS.		COLOR.		
5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	MALE.	FEMALE.	MARRIED.	SINGLE.	WHITE.	COLORED.	TOTAL.
33	15	29	40	50	36	35	40	41	53	39	49	43	70	494	409	358	545	820	83	903
14	3	5	9	5	4	....	5	....	5	2	2	3	6	118	104	27	195	214	8	222
2	1	8	13	20	9	14	11	14	12	7	10	5	7	88	85	79	94	150	23	173
13	7	6	11	12	17	17	20	22	36	25	31	31	27	192	155	191	156	308	39	347
....	1	2	2	1	1	....	....	....	....	1	4	3	30	46	55	40	61	97	4	101
4	3	7	5	11	5	4	3	5	....	4	2	1	....	47	10	20	30	48	9	57
....	....	1	....	1	....	....	1	....	....	....	....	....	....	3	....	1	2	3	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	3	....	6	6	....	6
....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	4	....	6	6	....	6
5	....	....	1	....	....	....	....	....	....	....	....	....	....	13	7	....	20	20	....	20
6	1	1	1	....	....	....	....	....	....	....	....	....	....	....	1	....	1	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1	2	3	2	2	1	....	2	....	....	....	....	....	....	10	5	3	12	15	....	15
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	1	2	1	....	....	....	....	1	....	....	....	1	6	3	4	5	8	1	9
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	66	66	....	132	126	6	132
....	....	....	1	....	1	....	....	....	3	....	1	3	4	6	7	11	2	13	....	13
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	1	1	....	1
1	....	....	2	1	1	....	3	....	....	2	....	....	1	6	7	8	5	13	....	13
....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	1	....	1	....	1
....	....	....	....	....	1	....	....	....	....	....	1	....	....	2	....	....	2	2	....	2
1	....	....	....	....	....	....	....	....	....	....	....	....	....	3	....	....	3	2	1	3
1	....	....	....	2	1	....	....	2	5	4	5	3	4	9	18	25	2	25	2	27
....	1	4	12	14	7	11	7	12	2	3	3	2	1	52	28	38	42	65	15	80
....	....	....	....	....	....	....	....	....	1	....	2	....	1	14	23	2	35	35	2	37
1	....	3	1	3	..	2	4	....	..	....	....	....	....	10	9	7	12	16	3	19
....	....	1	....	1	....	....	....	....	....	....	....	....	1	1	2	1	2	2	1	3
....	....	..	....	....	1	1	....	....	4	....	....	....	....	2	5	6	1	7	..	7
....	....	....	1	....	1	....	....	....	....	....	....	1	1	3	4	3	4	6	1	7
1	....	....	....	1	2	....	....	3	1	....	....	2	....	8	4	7	5	10	2	12
1	....	1	1	2	2	1	....	....	2	....	....	2	4	16	6	11	11	20	2	22
3	2	....	4	1	5	2	3	7	6	4	10	4	3	27	27	37	17	45	9	54
1	2	....	....	....	....	....	....	....	....	....	....	....	....	2	10	..	12	11	1	12
2	....	....	....	....	....	....	....	....	....	....	....	....	....	17	12	..	29	27	2	29
....	....	....	....	....	....	....	....	1	1	....	....	....	....	2	1	2	1	3	....	3
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	1	....	....	....	....	....	5	2	2	2	2	7	7	11	3	12	2	14
1	1	....	1	2	....	7	3	2	4	3	6	9	2	40	19	25	34	55	4	59
....	....	....	....	....	....	1	3	2	6	4	1	1	1	14	6	18	2	17	3	20
2	1	4	2	2	4	2	2	2	3	4	2	1	5	14	24	19	19	34	4	38
....	1	1	....	1	1	1	6	3	2	6	6	6	3	23	16	27	12	32	7	39
1	....	....	1	1	....	2	2	1	4	2	4	2	4	16	8	19	5	23	1	24
....	....	....	....	2	1	....	....	....	....	....	....	....	....	..	3	3	....	3	....	3
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1	....	....	....	....	1	1	1	1	2	....	....	1	1	3	7	8	2	9	1	10
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	2	2	....	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	17	8	..	25	24	1	25
....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	4	....	6	6	....	6
....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	2	1	1	2	....	2
....	....	....	....	....	....	....	....	....	....	....	4	3	29	14	22	34	2	35	1	36
....	1	1	1	1	1	....	....	....	....	1	....	....	1	13	17	5	25	28	2	30
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	1	2	3	1	1	3	1	....	1	1	1	....	10	5	10	5	13	2	15
....	....	1	2	4	1	....	....	1	....	....	....	....	....	7	2	2	7	4	5	9
4	3	5	1	4	3	3	....	3	....	3	1	....	....	30	3	8	25	31	2	33
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	1	....	1	....	....	1	....	....	....	....	....	....	3	....	1	2	3	....	3

TABLE NO. 18.

SHOWING THE REPORTED MORTALITY FOR AUGUST, 1900.

The annual death rate per 1,000 during the month was 16.69, this being based on a population of 647,000; mortality rate per thousand, 15.84. Colored population, 87,000; mortality rate per

CAUSES OF DEATH.	Total deaths reported during August, 1900.	Total deaths reported during August, 1899.	AGES BY YEARS. Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	Total under 5 years. White.	Total under 5 years. Colored.
Total Deaths from all Causes	800	794	165	45	14	6	5	222	14
Total Zymotic Diseases	180	153	66	18	6	3	3	93	
Total Constitutional Diseases	147	164	20	6	1	1		28	
Total Local Diseases	305	321	27	19	6	2	2	52	4
Total Developmental Diseases	107	108	52	2				47	7
Total Deaths by Violence	59	46			2			2	
Total Unknown	2	2							
Smallpox		1							
Measles									
Scarlatina	2	4			1			1	
Diphtheria	25	8		2	2	2	2	8	
Croup	4			3		1		4	
Whooping Cough	2	6	2					2	
Typhoid Fever	20	6							
Cerebro-Spinal Fever									
Rem't,Interm.,Typ.-Mal'l,Cong. & S'pleCon. Fevs	20	30	3		1			4	
Puerperal Fever									
Diarrhœal Diseases: Under 5 years	75	80	60	13	2			72	3
Diarrhœal Diseases: Other ages	14	7							
Erysipelas	1		1					1	
Pyæmia and Septicæmia	9	4							
Syphilis	1	1							
Alcoholism	4	2							
Other Zymotic Diseases	2	2					1	1	
Cancer and Malignant Tumor	21	21							
Phthisis and Tuberculosis—Pulmonary	80	93							
Marasmus—Tabes Mesenterica and Scrofula	29	37	18	6	1	1		26	
Hydrocephalus, Tubercular Meningitis, etc	8	8	2					2	
Rheumatism and Gout	5	2							
Other Constitutional Diseases	4	3							
Bronchitis	11	18	2	1	1			3	1
Pneumonia	20	20	2	1	2		1	6	
Other Diseases Respiratory Organs	15	13		2				2	
Diseases of Circulatory System	45	58				1		1	
Meningitis and Encephalitis	8	6	3	3				6	
Convulsions and Trismus	14	21	6	6	1	1		14	
Heat Stroke	20	3							
LaGrippe									
Apoplexy	13	15							
Other Diseases of the Brain and Nervous System	58	37	11	5	2		1	16	3
Cirrrosis of Liver and Hepatitis	16	14							
Enteritis,Gastro-Entiritis, Peritonitis & Gastritis	30	33		1				1	
Bright's Disease and Nephritis	27	44	1					1	
Other Diseases Urinary Organs	16	19	1					1	
Diseases Generative Organs	2	1							
Diseases Locomotory Organs	1								
Diseases of the Integument	1	1							
Other Local Diseases	8	18	1					1	
Cyanosis	3	3	3					3	
Inanition	12	15	12					10	2
Premature Birth	14	11	12	1				12	1
Puerperal Diseases (not incl. Puerperal Fever)	3	13							
Senility	40	42							
Other Developmental Diseases	35	34	25	1				22	4
Surgical Operations	2	3							
Deaths by Suicide	9	12							
Deaths by Homicide	7	5							
Deaths by Accident	41	26			2			2	
Execution by Warrant of Law									
Unknown	2	2							

NOTE.—For August, the death rate is based on the census population of 1900 previous months when the calculation was made on the estimated population of 647,000,

TABLE NO. 18.—*Continued.*

ulation of 575,200, computed on census figures of 1900. During the month there were 103 outside the city limits; these were not included in the monthly statements. Percentage 27.25. Percentage of deaths in city institutions to total mortality, 12.87. White population, thousand, 28.53.

AGES BY YEARS.														SEX.		SOCIAL RELATIONS.		COLOR.		
5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	MALE.	FEMALE.	MARRIED.	SINGLE.	WHITE.	COLORED.	TOTAL.
27	19	17	41	54	37	42	42	45	34	35	44	44	33	460	340	366	434	712	88	800
17	8	4	9	8	4	6	4	5	3	5	2	3	6	97	83	30	150	166	14	180
1	1	7	12	18	8	13	11	16	6	8	8	5	5	82	65	69	78	123	24	147
6	4	3	10	19	17	19	19	22	22	19	27	29	33	178	127	191	114	275	30	305
....	....	....	2	....	3	1	3	1	1	....	2	6	34	53	54	48	59	93	14	107
3	5	3	8	9	4	3	5	1	2	3	5	1	5	49	10	27	32	53	6	59
....	1	..	....	....	1	....	....	....	....	....	....	....	....	1	1	1	1	2	....	2
....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	2	2	....	2
11	6	..	....	....	..	....	....	....	....	....	....	....	....	17	8	....	25	22	3	25
....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	2	....	4	4	....	4
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	2	2	....	2
3	2	1	5	3	....	2	1	....	....	2	....	....	1	7	13	10	10	18	2	20
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1	..	3	2	1	3	1	..	2	....	....	1	1	1	11	9	7	13	20	....	20
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	41	34	....	75	72	3	75
1	....	....	....	2	....	1	....	2	3	1	....	1	3	7	7	10	4	11	3	14
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
....	....	....	1	1	1	1	2	....	....	1	1	....	1	2	7	..	9	6	3	9
....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	..	1
....	....	....	....	....	....	1	1	1	....	....	....	1	....	4	....	2	2	4	....	4
....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	1	1	1	2	....	2
....	....	....	1	2	....	....	1	6	....	1	5	3	2	6	15	20	1	18	8	21
....	1	5	9	14	6	13	8	9	4	7	2	1	1	53	27	41	39	63	17	80
....	....	1	....	....	....	....	1	....	....	....	....	1	....	12	17	1	28	29	....	29
....	....	1	2	1	....	....	1	1	....	....	....	....	....	7	1	1	7	4	4	8
....	....	....	....	..	2	....	....	....	....	....	1	....	2	4	1	3	2	5	....	5
1	....	....	....	1	....	....	....	....	2	....	....	....	....	....	4	3	1	4	....	4
....	....	....	1	1	2	....	....	....	....	....	1	1	1	4	7	7	4	9	2	11
....	....	....	1	1	2	2	2	2	....	....	1	3	....	10	10	8	12	19	1	20
....	1	....	1	1	....	....	1	1	2	1	2	2	1	8	7	10	5	14	1	15
1	....	2	3	5	2	3	4	4	4	3	4	4	5	22	23	34	11	38	7	45
....	....	....	....	1	....	....	....	....	....	....	....	1	....	5	3	1	7	8	....	8
....	....	....	....	....	....	....	....	....	....	....	....	....	....	7	7	....	14	14	....	14
....	....	....	1	1	2	2	5	5	2	1	....	1	....	16	4	15	5	19	1	20
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	1	....	1	1	3	4	3	7	6	12	1	11	2	13
2	2	1	....	1	4	3	2	2	3	4	4	4	7	29	29	28	30	51	7	58
....	....	....	....	2	....	1	....	2	2	....	2	4	3	12	4	14	2	16	....	16
1	....	....	2	3	2	6	1	3	1	2	3	2	3	23	7	20	10	26	4	30
....	....	....	....	1	1	1	3	....	7	4	6	3	..	18	9	21	6	22	5	27
....	....	..	....	....	1	1	....	2	....	1	1	....	9	10	6	14	2	16	....	16
....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	2	1	1	2	....	2
1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	1	....	1	....	1
1	1	....	1	..	1	....	....	1	....	2	....	....	....	6	2	5	3	8	....	8
....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	....	....	3	3	....	3
....	....	....	....	....	....	....	....	....	....	....	....	....	....	7	5	....	12	10	2	12
....	....	....	....	....	1	....	....	....	....	....	....	....	....	10	4	..	14	13	1	14
....	....	....	1	....	....	1	1	..	....	....	....	....	....	....	3	3	..	3	....	3
....	....	....	....	....	....	....	....	....	1	....	2	5	32	15	25	37	3	33	7	40
....	....	....	1	....	2	....	2	1	....	....	1	2	....	18	17	8	27	31	4	35
....	....	....	....	....	....	....	....	....	....	....	2	....	....	1	1	1	1	2	....	2
....	....	....	1	....	....	....	2	....	1	3	1	1	....	7	2	8	1	9	....	9
....	....	1	2	3	....	1	....	....	....	....	....	....	....	7	....	3	4	4	3	7
3	5	2	5	6	4	2	3	1	1	....	2	....	5	34	7	15	26	38	3	41
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	1	....	....	....	1	....	....	....	....	....	....	....	....	1	1	1	1	2	....	2

(575,200), which accounts for the increase in the rate per thousand, as compared with the computed on the census figures of 1890, at the rate of four per cent annual increase.

TABLE NO. 19.

SHOWING THE REPORTED MORTALITY FOR SEPTEMBER, 1900.

The annual death rate per 1,000 during the month was *13.92, this being based on a popu- deaths less than the previous month. 36 certificates were issued for deaths occurring out- deaths in eleemosynary and other institutions of a public character to total mortality, 25. mortality rate per thousand, 13.20. Colored population, 37,000; mortality rate per thou-

CAUSES OF DEATH.	Total deaths reported during Sept., 1900.	Total deaths reported during Sept., 1899.	AGES BY YEARS.						
			Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	Total under 5 years. White.	Total under 5 years. Colored.
Total Deaths from all Causes	668	743	122	17	15	12	7	158	15
Total Zymotic Diseases	112	131	31	5	5	7	4	47	5
Total Constitutional Diseases	143	146	25	2	2	....	1	27	3
Total Local Diseases	276	296	26	8	7	4	2	43	4
Total Developmental Diseases	79	195	40	1	....	....	....	38	3
Total Deaths by Violence	57	63	....	1	1	1	....	3	....
Total Unknown	1	2	....	....	....	....	....	....	....
Smallpox	....	....	....	....	....	....	....	....	....
Measles	....	....	....	....	....	....	....	....	....
Scarlatina	2	4	....	....	1	1	....	2	....
Diphtheria	24	14	....	1	1	4	2	8	....
Croup	1	4	....	....	1	....	....	1	....
Whooping Cough	....	2	....	....	....	....	....	....	....
Typhoid Fever	13	16	1	....	....	....	....	1	....
Cerebro-Spinal Fever	1	2	1	....	....	....	....	1	....
Rem't,Interm.,Typ.-Mal'l,Cong.& S'ple Con.Fevs.	20	28	2	..	1	..	1	4	....
Puerperal Fever	....	2	....	....	....	....	....	....	....
Diarrhœal { Under 5 years	34	42	26	4	1	2	1	30	4
Diseases: { Other ages	2	5	....	....	....	....	....	....	....
Erysipelas	2	....	....	....	....	....	....	....	....
Pyæmia and Septicæmia	6	5	....	....	....	....	....	....	....
Syphilis	3	4	1	....	....	....	....	1	....
Alcoholism	4	2	..	....	....	....	....	....	....
Other Zymotic Diseases	....	1	....	....	....	....	....	....	....
Cancer and Malignant Tumor	28	29	1	....	1	....	....	2	..
Phthisis and Tuberculosis—Pulmonary	77	69	....	....	....	....	....	....	....
Marasmus—Tabes Mesenterica and Scrofula	26	28	23	2	1	....	....	23	3
Hydrocephalus, Tubercular Meningitis, etc.	6	14	....	....	....	....	....	....	....
Rheumatism and Gout	1	3	....	....	....	....	....	....	....
Other Constitutional Diseases	5	3	1	....	....	....	1	2	....
Bronchitis	16	15	6	..	1	....	....	4	3
Pneumonia	13	19	2	..	..	....	....	2	....
Other Diseases Respiratory Organs	15	12	2	2	2	..	..	6	....
Diseases of Circulatory System	39	48	..	..	....	....	1	1	....
Meningitis and Encephalitis	10	12	2	1	....	1	....	4	....
Convulsions and Trismus	15	13	9	4	2	....	..	15	....
Heat Stroke	1	10	....	..	....	....	....	....	....
LaGrippe	....	....	....	....	....	....	....	....	....
Apoplexy	17	10	....	..	....	....	....	....	....
Other Diseases of the Brain and Nervous System	33	45	5	1	....	2	....	7	1
Cirrhosis of Liver and Hepatitis	11	14	....	....	....	....	....	....	....
Enteritis, Gastro-Enteritis, Peritonitis & Gastritis	29	27	....	....	....	1	....	1	....
Bright's Disease and Nephritis	34	40	....	....	1	....	....	1	....
Other Diseases Urinary Organs	19	20	....	....	....	....	1	1	....
Diseases Generative Organs	3	4	....	..	....	....	....	....	....
Disease Locomotory Organs	....	....	....	..	....	....	....	....	....
Diseases of the Integument	1	....	....	....	....	....	....	....	....
Other Local Diseases	20	7	....	....	1	....	....	1	....
Cyanosis	2	3	2	....	....	....	....	2	....
Inanition	14	15	14	....	....	....	....	13	1
Premature Birth	6	8	6	....	....	....	....	5	1
Puerperal Diseases (not inc. Puerperal Fevers)	3	5	..	....	....	....	....	....	....
Senility	32	44	....	....	....	....	....	....	....
Other Developmental Diseases	22	30	18	1	....	....	....	18	1
Surgical Operations	2	3	..	....	....	1	....	1	....
Deaths by Suicide	12	13	....	....	....	....	....	....	....
Deaths by Homicide	8	16	....	....	....	....	....	....	....
Deaths by Accident	35	31	..	1	1	....	....	2	....
Execution by Warrant of Law	....	....	....	....	....	....	....	....	....
Unknown	1	2	....	....	....	....	....	....	....

NOTE.—For September the death rate is based on the census population of 1900 (575,200), months, when the calculation was made on the estimated population of 647,000 computed

* Of the 668 deaths reported during the month, 31 were of non-residents; death rate per

TABLE NO. 19.—*Continued.*

lation of 575,200, computed on census figures of 1900. During the month there were 132 side the city limits; these were not included in the monthly statements. Percentage of Percentage of deaths in city institutions to total mortality, 13.17. White population, 538,200; sand, 24.32.

AGES BY YEARS.														SEX.		SOCIAL RELATIONS.		COLOR.		
5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	MALE.	FEMALE.	MARRIED.	SINGLE.	WHITE.	COLORED.	TOTAL.
23	14	25	31	40	50	38	30	36	38	33	32	32	71	360	308	319	349	593	75	668
11	6	6	3	7	9	4	1	2	1	1	2	5	2	59	53	21	91	93	13	112
1	....	11	11	13	17	14	6	10	9	7	4	5	6	63	80	69	74	123	20	143
8	6	6	10	11	13	14	16	20	24	23	22	20	34	157	119	161	115	243	33	276
....	....	....	1	....	1	1	2	....	1	1	....	2	29	39	40	34	45	75	4	79
3	2	2	6	10	10	5	5	4	3	1	3	....	....	41	16	33	24	52	5	57
....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	..	1	..	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	2	2	..	2
9	5	1	....	1	....	....	....	....	....	....	....	....	....	13	11	1	23	23	1	24
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2	1	2	..	3	2	1	....	....	1	....	....	....	....	7	6	5	8	13	....	13
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	1	....	1
....	....	3	3	3	....	....	....	2	....	1	1	3	....	14	6	4	16	18	2	20
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	13	21	....	34	30	4	34
....	....	....	....	....	1	....	....	....	....	....	....	1	....	1	1	1	1	2	....	2
....	....	....	....	....	....	....	....	....	....	....	....	....	2	1	1	2	....	2	....	2
....	....	....	....	....	3	2	....	....	....	....	....	1	....	1	5	6	....	4	2	6
....	....	....	....	....	1	1	....	....	....	....	....	....	....	3	1	1	3	....	4	4
....	....	....	....	....	2	....	1	....	....	....	1	..	..	3	....	1	2	3	..	3
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	1	2	4	2	2	2	4	2	3	....	4	7	21	24	4	27	1	28
....	...	11	10	9	12	12	8	7	5	3	1	3	1	37	40	37	40	62	15	77
....	....	....	....	....	....	....	....	....	....	....	....	....	....	13	13	....	26	23	3	26
1	..	....	....	1	1	....	....	1	....	2	....	....	....	3	3	4	2	5	1	6
....	....	....	....	....	....	....	....	....	....	....	....	1	..	1	....	1	....	1	..	1
....	....	....	....	....	....	....	1	..	....	....	....	1	2	2	3	3	2	5	....	5
2	....	2	....	3	....	..	....	1	..	1	....	....	....	5	11	5	11	9	7	16
....	....	1	....	....	....	....	2	2	1	..	1	3	1	7	6	8	5	12	1	13
....	....	....	....	1	1	..	....	1	1	....	3	2	..	10	5	6	9	13	2	15
2	1	....	4	2	2	4	....	3	2	5	5	2	6	22	17	27	12	31	8	39
2	....	2	....	....	....	....	....	....	2	....	....	....	....	9	1	2	8	10	....	10
....	....	....	....	....	....	....	....	....	....	....	....	....	....	7	8	....	15	15	....	15
....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	1	....	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	2	5	2	2	3	3	8	9	14	3	15	2	17
....	..	..	2	....	....	2	2	5	1	5	2	2	4	21	12	21	12	31	2	33
....	....	....	....	....	1	....	1	1	2	4	....	....	2	9	2	9	2	11	....	11
1	5	1	1	1	3	2	1	1	3	....	2	2	5	11	18	19	10	27	2	29
....	....	....	....	2	2	2	7	2	6	2	4	3	3	22	12	22	12	28	6	34
....	1	....	2	1	1	1	1	1	1	1	2	1	5	9	10	12	7	17	2	19
....	....	....	1	....	....	1	....	....	....	1	....	....	....	....	3	2	1	2	1	3
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	1	....	1	....	1
1	1	....	....	1	3	2	2	1	....	2	1	1	4	16	4	12	8	20	....	20
....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	2	2	....	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	8	6	....	14	13	1	14
....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	4	....	6	5	1	6
....	..	....	1	....	1	..	1	....	....	....	....	....	....	....	3	3	....	3	....	3
....	....	....	....	....	....	....	....	....	1	1	....	2	28	15	17	28	4	31	1	32
....	....	....	....	....	....	1	1	....	..	..	....	....	1	12	10	3	19	21	1	22
....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	2	1	1	2	....	2
....	....	....	1	2	3	1	....	1	1	1	2	....	....	8	4	9	3	12	....	12
....	..	1	1	4	1	..	....	1	..	..	....	....	....	7	1	5	3	5	2	8
3	2	1	4	4	6	3	5	2	2	....	1	..	....	26	9	18	17	33	2	35
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	1	....	1	....	1

which accounts for the increase in the rate per thousand, as compared with the previous on the census figures of 1890, at the rate of four per cent. annual increase.
thousand, exclusive of these, is 13 28.

TABLE No. 20.

SHOWING THE REPORTED MORTALITY FOR OCTOBER, 1900.

The annual death rate per 1,000 during the month was *16.53, this being based on a popu- deaths less than the previous month. 49 certificates were issued for deaths occurring out- deaths in eleemosynary and other institutions of a public character to total mortality, 538,200; mortality rate per thousand, 15.64. Colored population, 37,000; mortality rate per

CAUSES OF DEATH.	Total deaths reported during Oct., 1900.	Total deaths reported during Oct., 1899.	AGES BY YEARS.						
			Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	Total under 5 years. White.	Total under 5 years. Colored.
Total Deaths from all Causes	793	.....	139	31	25	18	9	200	22
Total Zymotic Diseases	135	.....	19	8	13	9	6	54	1
Total Constitutional Diseases	157	.....	23	7	1	.....	.....	26	5
Total Local Diseases	336	.....	36	14	10	6	2	61	7
Total Developmental Diseases	106	.....	59	2	.....	.....	.....	54	7
Total Deaths by Violence	58	.....	2	.....	1	3	1	5	2
Total Unknown	1	.....	.....	.....	.....	.....	.....	.....	.....
Smallpox	.....	.....	.....	.....	.....	.....	.....	.....	.....
Measles	.....	.....	.....	.....	.....	.....	.....	.....	.....
Scarlatina	4	.....	.....	.....	1	.....	.....	1	.....
Diphtheria	42	.....	1	1	9	4	4	18	1
Croup	7	.....	1	1	1	1	2	6	.....
Whooping Cough	1	.....	1	.....	.....	.....	.....	1	.....
Typhoid Fever	30	.....	.....	.....	.....	1	.....	1	.....
Cerebro-Spinal Fever	1	.....	.....	.....	1	.....	.....	1	.....
Rem't,Interm.,Typ.-Mal'l,Cong. & S'ple Con. Fevs	9	.....	1	.....	.....	.....	.....	1	.....
Puerperal Fever	3	.....	.....	.....	.....	.....	.....	.....	.....
Diarrhœal Diseases: Under 5 years	23	.....	15	5	1	2	.....	23	.....
Diarrhœal Diseases: Other ages	4	.....	.....	.....	.....	.....	.....	.....	.....
Erysipelas	1	.....	.....	.....	.....	.....	.....	.....	.....
Pyæmia and Septicæmia	7	.....	.....	.....	.....	1	.....	1	.....
Syphilis	.....	.....	.....	.....	.....	.....	.....	.....	.....
Alcoholism	1	.....	.....	.....	.....	.....	.....	.....	.....
Other Zymotic Diseases	2	.....	.....	1	.....	.....	.....	1	.....
Cancer and Malignant Tumor	30	.....	.....	.....	.....	.....	.....	.....	.....
Phthisis and Tuberculosis—Pulmonary	75	.....	1	1	.....	.....	.....	2	.....
Marasmus—Tabes Mesenterica and Scrofula	28	.....	19	6	1	.....	.....	21	5
Hydrocephalus, Tubercular Meningitis, etc	16	.....	3	.....	.....	.....	.....	3	.....
Rheumatism and Gout	2	.....	.....	.....	.....	.....	.....	.....	.....
Other Constitutional Diseases	6	.....	.....	.....	.....	.....	.....	.....	.....
Bronchitis	26	.....	8	5	2	1	.....	13	3
Pneumonia	49	.....	7	5	3	.....	.....	11	4
Other Diseases Respiratory Organs	16	.....	.....	1	.....	3	.....	4	.....
Diseases of Circulatory System	54	.....	.....	.....	.....	.....	2	2	.....
Meningitis and Encephalitis	13	.....	4	1	3	.....	.....	8	.....
Convulsions and Trismus	8	.....	6	1	1	.....	.....	8	.....
Heat Stroke	.....	.....	.....	.....	.....	.....	.....	.....	.....
LaGrippe	1	.....	.....	.....	.....	.....	.....	.....	.....
Apoplexy	15	.....	.....	.....	.....	.....	.....	.....	.....
Other Diseases of the Brain and Nervous System	33	.....	6	.....	.....	1	.....	7	.....
Cirrhosis of Liver and Hepatitis	19	.....	.....	.....	.....	.....	.....	.....	.....
Enteritis, Gastro-Enteritis, Peritonitis & Gastritis	36	.....	3	1	.....	.....	.....	4	.....
Bright's Disease and Nephritis	31	.....	1	.....	.....	1	.....	2	.....
Other Diseases Urinary Organs	28	.....	.....	.....	.....	.....	.....	1	.....
Diseases Generative Organs	3	.....	.....	.....	.....	.....	.....	.....	.....
Diseases Locomotory Organs	1	.....	.....	.....	1	.....	.....	1	.....
Diseases of the Integument	1	.....	.....	.....	.....	.....	.....	.....	.....
Other Local Diseases	2	.....	.....	.....	.....	.....	.....	.....	.....
Cyanosis	3	.....	3	.....	.....	.....	.....	3	.....
Inanition	23	.....	23	.....	.....	.....	.....	22	1
Premature Birth	3	.....	3	.....	.....	.....	.....	3	.....
Puerperal Diseases (not inc. Peurperal Fever)	.....	.....	.....	.....	.....	.....	.....	.....	.....
Senility	43	.....	.....	.....	.....	.....	.....	.....	.....
Other Developmental Diseases	34	.....	30	2	.....	.....	.....	26	6
Surgical Operations	2	.....	.....	.....	.....	.....	.....	.....	.....
Deaths by Suicide	11	.....	.....	.....	.....	.....	.....	.....	.....
Deaths by Homicide	8	.....	.....	.....	.....	.....	.....	.....	.....
Deaths by Accident	36	.....	2	.....	1	3	.....	5	2
Execution by Warrant of Law	.....	.....	.....	.....	.....	.....	.....	.....	.....
Unknown	1	.....	.....	.....	.....	.....	.....	.....	.....

NOTE.—For September, the death rate is based on the census population of 1900 previous months, when the calculation was made on the estimated population of 647,000,

* Of the 793 deaths reported during the month, 40 were of non-residents; death rate per

TABLE NO. 20.—*Continued.*

lation of 575,200, computed on census figures of 1900. During the month there were 125 side the city limits; these were not included in the monthly statements. Percentage of 23.53. Percentage of deaths in city institutions to total mortality, 13.75. White population, thousand, 29 50.

AGES BY YEARS.														SEX.		SOCIAL RELATIONS.		COLOR.		
5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	MALE.	FEMALE.	MARRIED.	SINGLE.	WHITE.	COLORED.	TOTAL.
34	25	28	32	43	48	48	36	37	53	30	44	30	33	440	353	370	423	703	91	793
21	12	6	7	10	6	5	3	2	1	3	....	2	2	82	53	24	111	129	6	135
1	3	11	10	12	19	15	8	15	11	9	6	...	6	85	73	32	75	134	23	157
10	7	8	10	11	17	21	20	18	35	18	36	23	34	177	159	197	139	291	45	336
....	....	....	....	1	....	....	....	1	1	....	....	4	38	54	52	38	68	96	10	106
2	3	3	5	9	6	7	5	1	4	..	2	1	3	41	17	29	29	51	7	58
....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	1	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2	1	....	....	....	....	....	....	....	....	....	....	....	....	2	2	....	4	4	....	4
13	7	3	....	....	....	....	....	....	....	....	....	....	....	25	17	....	42	39	3	42
1	....	....	....	....	....	....	....	....	....	....	....	....	....	5	2	....	7	7	....	7
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	1	....	1
4	3	3	4	7	2	3	1	....	..	1	...	..	1	19	11	8	32	29	1	30
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
....	1	....	2	2	....	1	2	....	....	....	....	....	....	4	5	5	4	8	1	9
....	....	....	1	....	2	....	....	....	....	....	....	....	....	....	3	3	....	2	2	1	3
....	....	....	....	....	....	....	....	....	....	....	....	....	....	14	9	....	23	23	....	23
....	..	....	....	....	1	....	....	1	....	1	..	....	1	3	1	3	1	4	....	4
....	....	....	....	....	....	....	....	....	....	1	..	....	....	1	....	....	1	1	....	1
....	....	....	....	1	1	....	....	1	1	....	....	2	....	5	2	5	2	7	...	7
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	1	1	....	1
1	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	2	2	....	2
....	....	....	....	....	....	4	3	5	5	6	3	....	4	12	18	28	2	29	1	30
...	1	9	10	11	14	9	4	8	4	2	....	....	1	43	32	40	35	60	15	75
....	1	....	....	....	....	1	....	....	....	....	....	....	....	15	13	....	28	23	5	28
....	1	....	....	1	3	1	1	1	2	1	2	....	....	11	5	8	8	14	2	16
....	....	1	..	....	....	....	....	....	....	....	....	....	1	1	1	1	1	2	....	2
1	....	1	....	....	2	....	....	1	....	....	1	....	....	3	3	5	1	6	....	6
2	....	....	....	....	....	....	1	....	1	....	1	....	5	13	13	8	18	22	4	26
3	....	....	3	2	3	5	1	2	2	6	2	2	3	28	21	21	28	38	11	49
1	....	....	....	....	....	3	....	..	1	1	3	2	1	5	11	11	5	15	1	16
...	3	3	3	1	1	3	3	3	3	3	3	9	9	23	31	42	12	49	5	54
1	1	1	....	....	1	....	....	1	....	....	....	....	....	7	6	1	12	11	2	13
....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	5	....	8	8	....	8
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	1	....	1	....	1
....	....	....	....	....	....	....	....	1	3	2	4	1	4	9	6	15	....	11	4	15
1	....	1	1	2	3	2	3	3	2	3	2	....	3	22	11	16	17	31	2	33
....	....	1	....	2	1	....	5	....	6	....	3	....	1	13	6	13	6	19	....	19
1	3	1	3	1	4	....	1	3	7	....	3	2	3	13	23	23	13	31	5	36
....	....	1	....	2	2	2	4	3	5	1	4	3	2	22	9	22	9	28	3	31
1	....	....	....	....	1	5	2	2	5	1	5	3	2	16	12	20	8	23	5	28
....	....	....	....	1	1	1	....	....	....	....	....	....	....	....	3	1	2	....	3	3
..	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
..	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	1	....	1	....	1
.	....	....	....	....	....	....	....	....	....	....	1	....	1	1	1	2	....	2	....	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	8	....	....	3	3	....	3
....	....	....	....	....	....	....	....	....	....	....	....	....	....	10	13	....	23	22	1	23
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	2	....	3	3	....	3
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	1	....	..	4	38	21	22	36	7	41	2	43
....	....	....	....	1	....	....	....	1	....	....	....	....	....	....	19	15	2	32	27	7	34
....	....	....	....	..	1	..	..	1	....	....	....	....	....	....	2	2	....	2	....	2
....	....	2	....	3	1	1	1	...	1	....	1	1	...	7	4	6	5	10	1	11
....	....	1	2	4	1	....	....	....	....	....	....	....	....	6	2	6	2	6	2	8
2	3	....	3	2	3	6	4	....	2	....	1	....	3	27	9	15	21	32	4	36
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
..	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	1	1	....	1

(575,200), which accounts for the increase in the rate per thousand, as compared with the computed on the census figures of 1890, at the rate of four per cent annual increase. 1,000, exclusive of these, is 15.60.

TABLE NO. 21.

SHOWING THE REPORTED MORTALITY FOR NOVEMBER, 1900.

The annual death rate per 1,000 during the month was *15.12, this being based on a pop- deaths less than the previous month. 55 certificates were issued for deaths occurring out- deaths in eleemosynary and other institutions of a public character to total mortality, 23.49. 538,200; mortality rate per thousand, 12.27. Colored population, 37,000; mortality rate per

CAUSES OF DEATH.	Total deaths reported during Nov., 1900.	Total deaths reported during Nov., 1899.	AGES BY YEARS. Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	Total under 5 years. White.	Total under 5 years. Colored.
Total Deaths from all Causes	729	694	126	19	18	17	10	171	19
Total Zymotic Diseases	112	124	22	7	11	6	6	51	1
Total Constitutional Diseases	157	139	26	2	1	....	....	28	1
Total Local Diseases	317	297	31	9	6	8	2	47	9
Total Developmental Diseases	97	65	47	1	....	1	....	42	7
Total Deaths by Violence	46	38	....	....	....	2	2	3	1
Total Unknown	....	1	....	....	....	....	....	....	....
Smallpox	....	....	....	....	....	....	....	....	....
Measles	1	....	....	....	....	....	....	....	....
Scarlatina	5	7	1	2	1	1	....	5	....
Diphtheria	41	29	4	1	5	3	4	16	1
Croup	15	5	....	....	4	1	2	7	....
Whooping Cough	1	1	1	....	....	....	....	1	....
Typhoid Fever	15	32	....	....	....	....	....	....	....
Cerebro-Spinal Fever	1	1	....	1	....	....	....	1	....
Rem't, Iterm., Typ. Mal'l, Cong. & S'ple Con. Fevs.	3	8	....	....	....	1	....	1	....
Puerperal Fever	....	2	....	....	....	....	....	....	....
Diarrhœal Diseases: Under 5 years	18	22	15	3	....	....	....	18	....
Diarrhœal Diseases: Other ages	2	7	....	....	....	....	....	....	....
Erysipelas	3	3	....	....	....	....	....	....	....
Pyæmia and Septicæmia	2	3	....	....	....	....	....	....	....
Syphilis	2	1	1	....	....	....	....	1	....
Alcoholism	1	2	....	....	....	....	....	....	....
Other Zymotic Diseases	2	1	....	....	1	....	....	1	....
Cancer and Malignant Tumor	29	23	....	....	....	....	....	....	....
Phthisis and Tuberculosis—Pulmonary	32	32	2	....	....	....	....	2	....
Marasmus—Tabes Mesenterica and Scrofula	26	10	24	1	....	....	....	24	1
Hydrocephalus, Tubercular Meningitis, etc	15	14	....	1	1	....	....	2	....
Rheumatism and Gout	2	3	....	....	....	....	....	....	....
Other Constitutional Diseases	3	7	....	....	....	....	....	....	....
Bronchitis	22	24	5	....	2	1	....	6	2
Pneumonia	68	38	9	4	2	5	1	17	4
Other Diseases Respiratory Organs	15	21	1	....	1	1	1	4	....
Diseases of Circulatory System	53	45	....	....	....	....	....	....	....
Meningitis and Encephalitis	7	7	4	1	....	....	....	5	....
Convulsions and Trismus	6	9	5	1	....	....	....	5	1
Heat Stroke	....	....	....	....	....	....	....	....	....
LaGrippe	2	3	1	....	....	....	....	1	....
Apoplexy	11	9	....	....	....	....	....	....	....
Other Diseases of the Brain and Nervous System	36	39	4	2	1	....	....	6	1
Cirrhosis of Liver and Hepatitis	13	4	....	1	....	....	....	1	....
Enteritis, Gastro-Enteritis, Peritonitis & Gastritis	16	22	....	....	....	....	....	....	....
Bright's Disease and Nephritis	27	39	....	....	....	1	....	....	1
Other Diseases Urinary Organs	25	15	1	....	....	....	....	1	....
Diseases Generative Organs	5	1	....	....	....	....	....	....	....
Diseases Locomotory Organs	....	....	....	....	....	....	....	....	....
Diseases of the Integument	1	3	1	....	....	....	....	1	....
Other Local Diseases	10	18	....	....	....	....	....	....	....
Cyanosis	1	4	1	....	....	....	....	....	1
Inanition	21	13	20	....	....	1	....	18	3
Premature Birth	5	12	5	....	....	....	....	5	....
Puerperal Diseases (not incl. Puerperal Fever)	2	5	....	....	....	....	....	....	....
Senility	40	33	....	....	....	....	....	....	....
Other Developmental Diseases	28	26	21	1	....	....	....	19	3
Surgical Operations	3	3	....	....	....	1	....	....	1
Deaths by Suicide	7	5	....	....	....	....	....	....	....
Deaths by Homicide	8	6	....	....	....	....	....	....	....
Deaths by Accident	25	24	....	....	....	1	2	3	....
Execution by Warrant of Law	....	....	....	....	....	....	....	....	....
Unknown	....	1	....	....	....	....	....	....	....

NOTE.—For September, the death rate is based on the census population of 1900 (575,200), months, when the calculation was made on the estimated population of 647,000, computed

* Of the 729 deaths reported during the month, 45 were of non-residents; death rate per

TABLE NO. 21.—*Continued.*

ulation of 575,200, computed on census figures of 1900. During the month there were 64 side the city limits; these were not included in the monthly statements. Percentage of Percentage of deaths in city institutions to total mortality, 13.37. White population, thousand, 25.26.

AGES BY YEARS.														SEX.		SOCIAL RELATIONS.		COLOR.		
5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	MALE.	FEMALE.	MARRIED.	SINGLE.	WHITE.	COLORED.	TOTAL.
38	18	18	27	47	50	49	38	37	33	33	34	35	82	392	337	352	377	651	78	729
31	7	....	2	7	3	4	1	2	..	1	2	....	....	57	55	13	99	102	10	112
4	....	10	14	17	15	13	12	6	7	11	7	6	6	79	78	75	82	135	22	157
2	9	5	6	16	25	29	19	25	23	16	24	25	36	179	138	196	121	286	31	317
....	....	....	1	1	3	1	1	....	....	3	1	3	34	45	52	46	51	86	11	97
1	2	3	4	6	4	2	5	3	3	2	....	1	6	32	14	22	24	42	4	46
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	4	1	....	5	5	..	5
21	3	....	....	....	....	....	....	....	....	....	....	....	....	19	22	...	41	37	4	41
8	....	....	....	....	....	....	....	....	....	....	....	....	....	7	8	....	15	15	....	15
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
1	4	....	2	4	....	....	....	2	....	1	1	....	....	9	6	6	9	11	4	15
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	1	....	1
....	....	....	....	1	....	1	....	....	....	....	....	....	....	2	1	....	3	3	....	3
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	8	10	...	18	18	....	18
....	....	....	....	....	1	....	....	....	....	....	1	....	....	2	....	2	...	2	....	8
....	....	....	....	2	....	....	1	....	....	....	....	....	....	2	1	2	1	3	....	3
....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	2	2	....	1	1	2
....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	2	..	2	1	1	2
....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	1	1	1	2	....	2
....	....	....	....	1	1	3	4	1	6	2	4	2	5	10	19	27	2	28	1	29
1	....	9	12	13	12	10	7	4	..	7	2	2	1	48	34	38	44	66	16	82
....	....	....	....	....	....	....	....	....	....	....	1	....	....	11	15	1	25	24	2	26
1	....	1	2	2	2	....	....	....	1	2	....	2	....	9	6	7	8	12	3	15
....	....	....	....	1	....	....	1	....	....	....	....	....	....	....	2	1	1	2	....	2
2	....	....	....	....	....	....	....	1	....	....	....	....	....	1	2	1	2	3	....	3
....	....	1	1	1	..	1	....	....	2	1	1	2	4	11	11	12	10	20	2	22
....	2	1	....	5	5	1	6	6	5	3	5	3	5	41	27	35	33	61	7	68
1	2	....	1	....	1	1	....	....	2	1	....	2	....	5	10	6	9	13	2	15
....	2	....	2	4	1	5	3	7	3	4	4	7	11	25	28	42	11	48	5	53
....	....	....	....	....	....	....	....	....	....	....	2	....	....	4	3	....	7	7	....	7
....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	4	....	6	5	1	6
....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	1	1	1	2	....	2
....	....	....	....	....	....	2	....	1	2	1	3	1	1	6	5	11	....	9	2	11
....	2	....	....	2	5	6	..	4	3	1	1	1	4	27	9	21	15	31	5	36
....	....	....	....	....	2	3	2	2	....	2	....	1	....	11	2	10	3	13	....	13
....	....	2	1	....	3	2	1	1	1	..	1	3	1	6	10	9	7	14	2	16
1	....	....	....	....	3	3	2	4	2	1	5	2	3	16	11	18	9	22	5	27
....	....	..	1	2	2	3	3	1	1	1	2	2	6	17	8	20	5	25	....	25
....	....	1	....	2	1	1	....	....	....	....	....	....	....	....	5	4	1	5	....	5
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	...	1	1	....	1
....	1	..	....	....	2	1	2	....	2	1	....	1	....	7	3	7	3	10	....	10
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	1	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	13	8	....	21	18	3	21
....	....	....	1	....	1	....	....	....	....	....	....	....	....	1	4	....	5	5	....	5
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	1	1	2	....	2
....	....	....	....	....	....	....	....	....	....	2	1	3	34	18	22	39	1	37	3	40
....	....	....	....	1	2	1	1	..	....	1	....	....	....	13	15	6	22	24	4	28
....	....	1	....	....	1	....	....	....	....	....	....	....	....	1	2	1	2	2	1	3
....	....	....	....	2	....	2	....	....	3	..	....	....	....	4	3	5	2	7	....	7
....	1	....	1	3	....	..	1	1	....	1	..	....	....	8	....	1	7	6	2	8
1	1	2	3	1	3	....	4	2	....	1	....	1	6	19	9	15	13	27	1	28
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

which accounts for the increase in the rate per thousand, as compared with the previous on the census figures of 1890, at the rate of four per cent annual increase.
1,000, exclusive of these, is 14.16.

TABLE NO. 22.

SHOWING THE REPORTED MORTALITY FOR DECEMBER, 1900.

The annual death rate per 1,000 during the month was *17.76, this being based on a pop- than the previous month 46 certificates were issued for deaths occurring outside the city mosynary and other institutions of a public character to total mortality, 25.08. Percentage rate per thousand, 17.04. Colored population, 37,000; mortality rate per thousand, 26.92.

CAUSES OF DEATH.	Total deaths reported during Dec., 1900.	Total deaths reported during Dec., 1899.	AGES BY YEARS. Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	Total under 5 years. White.	Colored.
Total Deaths from all Causes	853	694	113	30	22	13	10	173	15
Total Zymotic Diseases	124	96	13	9	14	8	7	49	2
Total Constitutional Diseases	159	135	17	2	....	....	2	19	2
Total Local Diseases	407	336	32	18	4	5	....	52	7
Total Developmental Diseases	104	84	50	1	1	....	....	48	4
Total Deaths by Violence	59	41	1	....	3	....	1	5	....
Total Unknown	....	....	....	....	....	....	....	....	....
Smallpox	1	....	....	....	....	....	....	....	....
Measles	....	....	....	....	....	....	....	....	....
Scarlatina	8	8	....	....	1	2	1	4	....
Diphtheria	40	29	1	4	7	3	3	18	....
Croup	11	4	1	2	2	1	3	9	....
Whooping Cough	1	....	....	1	....	....	....	1	....
Typhoid Fever	19	20	....	....	1	....	....	1	....
Cerebro-Spinal Fever	2	2	1	....	1	....	....	2	....
Rem't,Interm.,Typ.-Mal'l,Cong. & S'pic Con.Fevs.	7	4	....	....	....	1	....	1	....
Puerperal Fever	....	....	....	....	....	....	....	....	....
Diarrhœal Diseases: Under 5 years	11	12	8	1	1	1	....	10	1
Diarrhœal Diseases: Other ages	3	5	....	....	....	....	....	....	....
Erysipelas	5	2	2	....	....	....	....	1	1
Pyæmia and Septicæmia	6	8	....	....	....	....	....	....	....
Syphilis	1	....	....	....	....	....	....	....	....
Alcoholism	7	1	....	....	....	....	....	....	....
Other Zymotic Diseases	2	3	....	1	1	....	....	2	....
Cancer and Malignant Tumor	33	26	....	....	....	....	....	....	....
Phthisis and Tuberculosis—Pulmonary	87	76	1	....	....	....	....	1	....
Marasmus—Tabes Mesenterica and Scrofula	11	16	10	1	....	....	....	9	2
Hydrocephalus, Tubercular Meningitis, etc	16	18	4	1	....	....	1	6	....
Rheumatism and Gout	4	1	....	....	....	....	....	....	....
Other Constitutional Diseases	8	8	2	....	....	....	1	3	....
Bronchitis	32	27	6	3	....	1	....	7	3
Pneumonia	92	82	7	6	3	1	....	15	2
Other Diseases Respiratory Organs	21	11	2	2	1	....	....	5	....
Diseases of Circulatory System	66	42	1	....	....	1	....	2	....
Meningitis and Encephalitis	7	5	1	2	....	1	....	4	....
Convulsions and Trismus	9	18	7	2	....	....	....	9	....
Heat Stroke	....	....	....	....	....	....	....	....	....
LaGrippe	3	1	....	....	....	....	....	....	....
Apoplexy	19	19	....	....	....	....	....	....	....
Other Diseases of the Brain and Nervous System	40	34	2	2	....	1	....	3	2
Cirrhosis of Liver and Hepatitis	16	11	....	....	....	....	....	....	....
Enteritis,Gastro-Enteritis,Peritonitis & Gastritis	25	25	1	....	....	....	....	1	....
Bright's Disease and Nephritis	38	36	2	....	....	....	....	2	....
Other Diseases Urinary Organs	28	17	1	....	....	....	....	1	....
Diseases Generative Organs	5	....	....	....	....	....	....	....	....
Diseases Locomotory Organs	....	....	....	....	....	....	....	....	....
Diseases of the Integument	2	....	1	....	....	....	....	1	....
Other Local Diseases	9	8	1	1	....	....	....	2	....
Cyanosis	8	2	8	....	....	....	....	8	....
Inanition	8	8	7	1	....	....	....	8	....
Premature Birth	5	9	5	....	....	....	....	5	....
Puerperal Diseases (not incl. Puerperal Fever)	....	3	....	....	....	....	....	....	....
Senility	48	36	....	....	....	....	....	....	....
Other Developmental Diseases	35	26	30	....	1	....	....	27	4
Surgical Operations	2	3	....	....	....	....	....	....	....
Deaths by Suicide	13	9	....	....	....	....	....	....	....
Deaths by Homicide	6	7	....	....	....	....	....	....	....
Deaths by Accident	38	22	1	....	3	....	1	5	....
Execution by Warrant of Law	....	....	....	....	....	....	....	....	....
Unknown	....	....	....	....	....	....	....	....	....

NOTE.—For September, the deate rate is based on the census population of 1900 previous months, when the calculation was made on the estimated population of 647,000,

* Of the 853 deaths reported during the month, 51 were of non-residents; death rate per

TABLE NO. 22.—*Continued.*

ulation of 575,200, census figures of 1900. During the month there were 124 deaths more limits; these were not included in the monthly statements. Percentage of deaths in elee- of deaths in city institutions to total mortality, 13.59. White population, 538,200; mortality

AGES BY YEARS.														SEX.		SOCIAL RELATION.		COLOR.		
5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	MALE.	FEMALE.	MARRIED.	SINGLE.	WHITE.	COLORED.	TOTAL.
46	14	25	35	46	35	51	51	46	55	47	55	59	99	484	389	431	422	770	83	853
28	5	4	4	6	4	1	3	4	4	2	3	3	2	73	51	22	102	116	8	124
1	2	5	13	16	13	16	12	13	15	8	8	9	6	99	60	77	82	145	14	159
14	5	10	10	17	15	20	33	24	29	31	39	35	56	226	181	251	156	370	37	407
1			1				1		1	3	2	11	32	37	67	49	55	82	22	104
2	2	6	7	7	3	4	2	5	6	3	3	1	3	49	10	32	27	57	2	59
												1		1		1			1	1
4														5	3		8	8		8
19	1	1	1											21	19		40	36	4	40
2														7	4		11	11		11
															1		1	1		1
1	4	3	3	3			2	1					1	8	11	7	12	18	1	19
														2			2	2		2
				1	1		1	2	1					4	3	5	2	7		7
														6	5		11	10	1	11
										1	2			3		3		3		3
									1		1		1	4	1	3	2	4	1	5
2					2			1		1				3	3	3	3	6		6
						1								1			1	1		1
				2	1				2			2		7			7	7		7
														1	1		2	2		2
			1	1		4	2	2	5	5	4	6	3	16	17	27	6	31	2	33
	1	5	12	13	10	11	10	8	7	1	4	2	2	62	25	42	45	78	9	87
														6	5		11	9	2	11
1				1	2	1		2	1	1			1	10	6	4	12	15	1	16
	1							1	1	1				2	2	1	3	4		4
				1	1				1			1		3	5	3	5	8		8
2		1						1	4	2	2	1	9	14	18	19	13	29	3	32
3	2	2	7	4	2	8	6	5	2	5	10	8	11	51	41	45	47	85	7	92
2		1	1			1	2	2	1		2	2	2	14	7	11	10	20	1	21
2	1	2		3	7	7	4	3	5	7	7	10	6	32	34	46	20	61	5	66
1		1		1										4	3		7	7		7
														8	1		9	9		9
1													2		3	2	1	2	1	3
				1	1	1	1	1	4	1	2	4	3	12	7	16	3	18	1	19
2			1	4	1	4	5	4	2	4	2	3	3	28	12	28	12	30	10	40
						3	3	2	2	1	2	1	2	10	6	10	6	15	1	16
1	1	2	1	1	3	1	1	2	1	2	1	2	5	11	14	19	6	24	1	25
						2	6	2	5	3	5	2	6	19	14	22	11	28	5	33
	1			2	1	1	2	2	3	4	5	2	4	17	11	21	7	26	2	28
		1				1	3								5	5		5		5
				1		1				2	1		1	2		2		2		2
													2	4	5	5	4	9		9
														6	2		8	8		8
														5	3		8	8		8
														1	4		5	5		5
									1	3	2	11	31	11	37	46	2	30	18	48
1			1				1						1	14	21	3	32	31	4	35
						1				1				1	1	2		2		2
		1	4		1	1	1	1	1	1	1		1	8	5	9	4	13		13
	1	2		3										6		2	4	5	1	6
2	1	3	3	4	2	2	1	4	5	1	2	1	2	34	4	19	19	37	1	38

(575,200), which accounts for the increase in the rate per thousand, as compared with the computed on the census figures of 1890, at the rate of four per cent annual increase. 1000, exclusive of these, is 16 68.

TABLE NO. 23.

SHOWING CREMATIONS AND CAUSES OF DEATH FOR 1900.

JANUARY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.	WHERE DIED.
Senile Debility	..	2	2	..	2	..	2	St. Louis, Mo.
Paresis	1	..	1	..	1	..	1	St. Louis, Mo.
Suicide	1	..	1	..	1	..	1	St. Louis, Mo.
Nephritis	1	..	..	1	1	..	1	St. Louis, Mo.
Hemorrhage	1	..	1	..	1	..	1	St. James, Mo.
	..	..	..	..	..	..	..	
	..	..	..	..	..	..	..	
Total	4	2	5	1	6	..	6	

FEBRUARY.	Male.	Female.	Married.	Single.	White.	Colored.	Total	WHERE DIED.
Typhoid Fever	1	..	1	..	1	..	1	St. Louis, Mo.
Accidental Poisoning	1	..	..	1	1	..	1	St. Louis, Mo.
Cerebro-Spinal Meningitis	1	..	..	1	1	..	1	St. Louis, Mo.
Nephritis	..	1	1	..	1	..	1	St. Louis, Mo.
Hepatitis	..	1	1	..	1	..	1	St. Louis, Mo.
Senility	1	..	1	..	1	..	1	East St. Louis, Ill.
	..	..	..	..	..	..	..	
Total	4	2	4	2	6	..	6	

MARCH.	Male.	Female.	Married.	Single.	White.	Colored.	Total	WHERE DIED.
Gastro-Enteritis	1	..	1	..	1	..	1	St. Louis, Mo.
Uræmia	1	..	1	..	1	..	1	St. Louis, Mo.
Suicide	1	..	2	..	1	..	1	St. Louis, Mo.
Apoplexy	1	1	1	..	2	..	2	St. Louis, Mo.
Sclerosis	1	..	..	1	1	..	1	St. Louis, Mo.
Senility	..	3	3	..	3	..	3	St. Louis, Mo.
Pneumonia	1	..	1	..	1	..	1	St. Louis, Mo.
Aneurism	1	..	..	1	1	..	1	St. Louis, Mo.
Scorbutus	1	..	..	1	1	..	1	St. Louis, Mo.
Carcinoma	1	..	1	..	1	..	1	St. Louis, Mo.
Heart Failure	..	1	1	..	1	..	1	Kansas City, Mo.
Heart Failure	1	..	1	..	1	..	1	Evansville, Ind.
Pneumonia	..	1	1	..	1	..	1	Memphis, Tenn.
Total	10	6	13	3	16	..	16	

APRIL.	Male.	Female.	Married.	Single.	White.	Colored.	Total.	WHERE DIED.
Homicide	1	..	..	1	1	..	1	St. Joseph, Mo.
Heart Failure	1	..	..	1	1	..	1	El Paso, Tex.
Cancer	1	..	1	..	1	..	1	St. Louis, Mo.
Pneumonia	1	1	1	1	2	..	2	St. Louis, Mo.
Consumption	1	1	1	1	2	..	2	St. Louis, Mo.
Cerebro Hemorrhage	1	..	1	..	1	..	1	St. Louis, Mo.
Heart Failure	1	..	1	..	1	..	1	St. Louis, Mo.
Cirrhosis Liver	1	..	..	1	1	..	1	St. Louis, Mo.
Total	8	2	5	5	10		10	

TABLE NO. 23—*Continued.*

MAY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.	WHERE DIED.
Atrophy Brain	..	1	1	..	1	..	1	St. Louis, Mo.
Cancer, Uterus	..	1	1	..	1	..	1	St. Louis, Mo.
Heart Disease	1	..	1	..	1	..	1	St. Louis, Mo.
Hemiplegia	..	1	1	..	1	..	1	St. Louis, Mo.
Peritonitis	1	..	1	..	1	..	1	St. Louis, Mo.
Erysipelas	1	..	1	..	1	..	1	St. Louis, Mo.
Consumption	..	1	1	..	1	..	1	St. Louis, Mo.
Total	3	4	7	..	7	..	7	

JUNE.	Male.	Female.	Married.	Single.	White.	Colored.	Total.	WHERE DIED.
Rupture Blood Vessel	1	..	1	..	1	..	1	Kansas City, Mo.
Dropsy	..	1	1	..	1	..	1	Springfield, Ill.
Apoplexy	1	..	1	..	1	..	1	Ochiltree, Tex.
Valvular Disease Heart	..	1	1	..	1	..	1	St. Louis, Mo.
Bright's Disease	1	..	1	..	1	..	1	St. Louis, Mo.
Endocarditis	1	..	1	..	1	..	1	St. Louis, Mo.
Total	4	2	6	..	6	..	6	

JULY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.	WHERE DIED.
Ulcer of Stomach	1	..	1	..	1	..	1	St. Louis, Mo.
Suicide	1	1	1	1	2	..	2	St. Louis, Mo.
Senility	2	..	1	1	2	..	2	St. Louis, Mo.
Cancer	..	3	3	..	3	..	3	St. Louis, Mo.
Cirrhosis of Liver	2	..	2	..	2	..	2	St. Louis, Mo.
Consumption	1	..	1	..	1	..	1	St. Louis, Mo.
Gastro-Enteritis	1	1	1	1	2	..	2	St. Louis, Mo.
Septicæmia	..	1	1	..	1	..	1	St. Louis, Mo.
Tumor	..	1	1	..	1	..	1	St. Louis, Mo.
Dementia Paralytica	1	..	1	..	1	..	1	St. Louis, Mo.
Cancer	1	..	..	1	1	..	1	Germany.
Dropsy	1	..	1	..	1	..	1	Germany.
Meningitis	1	..	1	..	1	..	1	Germany.
Total	12	7	15	4	19	..	19	

AUGUST.	Male.	Female.	Married.	Single.	White.	Colored.	Total.	WHERE DIED.
Kidney and Bladder	1	..	1	..	1	..	1	St. Louis, Mo.
Apoplexy	..	1	1	..	1	..	1	St. Louis, Mo.
Bright Disease	1	..	1	..	1	..	1	St. Louis, Mo.
Asthma	1	..	1	..	1	..	1	St. Louis, Mo.
Pneumonia	2	..	1	1	2	..	2	St. Louis, Mo,
Proselatitis	1	..	1	..	1	..	1	St. Louis, Mo.
Suicide	1	..	1	..	1	..	1	St. Louis, Mo.
Senile Debility	2	..	2	..	2	..	2	St. Louis, Mo.
Appendicitis	1	..	1	..	1	..	1	St. Louis, Mo.
Meningitis, Cerebral	1	..	1	..	1	..	1	St. Louis, Mo.
Gunshot Wound	1	..	1	..	1	..	1	St. Louis, Mo.
Nephritis	1	..	1	..	1	..	1	St. Louis, Mo.
Congestion of Brain	..	1	1	..	1	..	1	St. Louis, Mo.
Phthisis, Pulmonalis	1	..	..	1	1	..	1	St. Louis, Mo.
Cerebral Oedema	1	..	1	..	1	..	1	St. Louis, Mo.
Locomotor Ataxia	1	..	1	..	1	..	1	St. Louis, Mo.
Ovarian Tumor	..	1	1	..	1	..	1	St. Louis, Mo.
Paralysis	..	1	1	..	1	..	1	St. Louis, Mo.
Cancer of Liver	1	..	1	..	1	..	1	Grafton, Ill.
Total	17	4	19	2	21	..	21	

TABLE NO. 23—*Continued.*

SEPTEMBER.	Male.	Female.	Married.	Single.	White.	Colored.	Total.	WHERE DIED.
Heart Disease	1	..	1	..	1	..	1	St. Louis, Mo.
Rheumatism	1	..	1	..	1	..	1	St. Louis, Mo.
Cancer	1	2	3	..	3	..	3	St. Louis, Mo.
Liver Disease	1	..	..	1	1	..	1	St. Louis, Mo.
Paralysis	1	..	1	..	1	..	1	St. Louis, Mo.
Haematuria	1	..	1	..	1	..	1	St. Louis, Mo.
Phthisis Pulmonalis	1	..	..	1	1	..	1	Denver, Col.
Unknown	1	..	..	1	1	..	1	Hempstead, Tex.
Spinal Disease	1	..	1	..	1	..	1	Battle Creek, Mich.
Total	9	2	8	3	11	..	11	

OCTOBER.	Male.	Female.	Married.	Single.	White.	Colored.	Total.	WHERE DIED.
Pneumonia	1	..	1	..	1	..	1	St. Louis, Mo.
Apoplexy	..	2	2	..	2	..	2	St. Louis, Mo.
Heart Trouble	..	2	1	1	2	..	2	St. Louis, Mo.
Hemorrhage	1	..	1	..	1	..	1	St. Louis, Mo.
Suicide	2	..	2	..	2	..	2	St. Louis, Mo.
Stricture	1	..	1	..	1	..	1	St. Louis, Mo.
Diphtheria	1	..	..	1	1	..	1	St. Louis, Mo.
Hepatitis	1	..	1	..	1	..	1	St. Louis, Mo.
Laryngitis	1	..	..	1	1	..	1	Texas.
Senility	..	1	1	..	1	..	1	Germany.
Total	8	5	10	3	13	..	13	

NOVEMBER.	Male.	Female.	Married.	Single.	White.	Colored.	Total.	WHERE DIED.
Senility	1	1	2	..	2	..	2	St. Louis, Mo.
Pneumonia	..	1	..	1	1	..	1	St. Louis, Mo.
Suicide	1	..	1	..	1	..	1	St. Louis, Mo.
Cancer	1	1	2	..	2	..	2	St. Louis, Mo.
Consumption	2	..	1	1	2	..	2	St. Louis, Mo.
Appendicitis	..	1	..	1	1	..	1	Illinois.
Rheumatism	..	1	..	1	1	..	1	Illinois.
Malaria	1	..	..	1	1	..	1	Illinois.
Paralysis	1	..	1	..	1	..	1	Arkansas.
Diphtheria	..	2	..	2	2	..	2	St. Louis, Mo.
Enteritis	1	..	1	..	1	..	1	Colorado.
Total	8	7	8	7	15	..	15	

DECEMBER.	Male.	Female.	Married.	Single.	White.	Colored.	Total.	WHERE DIED.
Pyæmia	1	..	..	1	1	..	1	St. Louis, Mo.
Senility	..	1	1	..	1	..	1	St. Louis, Mo.
Consumption	1	..	1	..	1	..	1	St. Louis, Mo.
Scarlet Fever	1	..	..	1	1	..	1	St. Louis, Mo.
Apoplexy	1	1	1	..	1	..	1	St. Louis, Mo.
Accident	..	..	1	..	1	..	1	St. Louis, Mo.
Influenza	..	1	1	..	1	..	1	St. Louis, Mo.
Tetanus	..	1	..	1	1	..	1	St. Louis, Mo.
Diphtheria	..	1	..	..	1	..	1	St. Louis, Mo.
Uræmia	1	..	1	1	1	..	1	St. Louis, Mo.
Heart Disease	1	..	1	..	1	..	1	Ashton, La.
Pneumonia	1	..	1	..	1	..	1	Clayton, Mo.
Total	7	5	8	4	12	..	12	

TABLE NO. 24.

ABSTRACT OF WEEKLY REPORTS MADE DURING THE MONTH BY THE CORONER.

					Social Condition.					Causes of Death.						
	White.	Colored.	Adults.	Minors.	Married.	Single.	Widow.	Divorced.	Unknown.	Natural.	Accidental.	Homicide.	Suicide.	Unknown.	Legal Execution.	No. of Inquests Reported.
January—																
Males	48	10	45	13	19	29	7	3	...	30	16	2	9	1	..	58
Females	31	7	24	14	13	15	8	1	1	23	9	2	8	1	....	38
Total	79	17	69	27	32	44	15	4	1	53	25	4	12	2	..	96
February—																
Males	64	9	63	10	30	36	4	1	2	34	24	7	6	2	...	73
Females	23	7	19	11	6	16	8	..	..	20	4	....	6	....	...	30
Total	87	16	82	21	36	52	12	1	2	54	28	7	12	2	...	103
March—																
Males	47	5	42	10	16	24	7	...	5	30	8	7	6	1	...	52
Females	25	7	23	9	12	12	7	....	1	20	7	1	4	....	...	32
Total	72	12	65	19	28	36	14	....	6	50	15	8	10	1	....	84
April—																
Males	59	12	56	15	24	34	7	...	6	41	47	4	7	2	..	71
Females	20	8	20	8	9	11	5	1	2	17	10	.	1	...	....	28
Total	79	20	76	23	33	45	12	1	8	58	27	4	8	2	....	99
May—																
Males	71	10	65	16	30	38	12	1	...	31	19	17	10	3	1	81
Females	18	6	15	9	7	11	5	...	1	14	7	..	1	2	....	24
Total	89	16	80	25	37	49	17	1	1	45	26	17	11	5	1	105
June—																
Males	70	8	52	26	26	42	5	2	3	28	20	16	11	3	..	78
Females	18	10	21	7	11	12	5	....	..	16	4	4	4	..		28
Total	88	18	73	33	37	54	10	2	3	44	24	20	15	3	..	106
July—																
Males	62	10	52	20	26	40	5	....	1	21	35	5	10	1	....	72
Females	21	9	18	12	8	19	3	....	....	19	4	2	4	1	..	30
Total	83	19	70	32	34	59	8	....	1	40	39	7	14	2	..	102
August—																
Males	70	10	64	16	33	41	5	1	....	34	30	7	7	2	....	80
Females	21	6	21	6	6	8	12	1	..	17	6	2	2	..	..	27
Total	91	16	85	22	39	49	17	2	..	51	36	9	9	2	..	107
September—																
Males	65	5	58	12	27	31	6	2	4	25	29	6	8	2	.	70
Females	22	8	22	8	13	14	3	....	....	16	9	1	4	....	..	30
Total	87	13	80	20	40	45	9	2	4	41	38	7	12	2		100
October—																
Males	57	9	57	9	24	30	9	1	2	27	23	9	7	....	....	66
Females	21	7	17	11	6	18	4	...	....	16	7	1	4	..	....	28
Total	78	16	74	20	30	48	13	1	2	43	30	10	11	..	..	94
November—																
Males	57	7	49	15	17	31	4	3	6	26	23	8	5	2	....	64
Females	29	2	22	9	9	11	9	....	2	17	8	..	5	1	..	31
Total	86	9	71	24	26	45	13	3	8	43	31	8	10	3	....	95
December—																
Males	70	7	59	18	29	41	2	1	4	27	34	7	8	1	...	77
Females	25	2	18	9	7	12	8	....	...	19	3	....	4	1	....	27
Total	95	9	77	27	36	53	10	1	4	46	37	7	12	2	....	104

TABLE NO. 25.

DECEDENTS RECEIVED FROM OUTSIDE THE CITY, AND PLACES OF DEATH.

JANUARY.

LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.	LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.
Bear Creek, Kan.	..	1	1	..	1	..	1	New York, N. Y.	1	..	1	..	1	..	1
Brooklyn, N. Y.	..	1	1	..	1	..	1	Omaha, Neb.	1	..	1	..	1	..	1
Chicago, Ill.	2	3	3	2	4	1	5	Phoenix, Ariz	..	1	1	..	1	..	1
Collinsville, Ill	..	1	1	..	1	..	1	St. Louis County, Mo.	8	8	11	5	13	8	16
East St. Louis, Ill.	1	2	1	2	3	..	3	San Antonio, Tex.	1	..	..	1	1	..	1
Hot Springs, Ark.	1	..	1	..	1	..	1	Santiago de Cuba	1	..	..	1	1	..	1
Indianapolis, Ind.	..	1	1	..	1	..	1	Spanish Lake, Mo.	1	..	1	..	1	..	1
Jefferson City, Mo	1	..	..	1	..	1	1	St. James, Mo.	1	..	1	..	1	..	1
Kenosho, Mo.	..	1	..	1	1	..	1	Tarrytown, N. Y	1	..	1	..	1	..	1
Leavenworth, Kan.	1	..	1	..	1	..	1								
Lincoln County, Mo.	..	1	1	..	1	..	1	Total	21	21	29	13	37	5	42
Mammoth Springs, Ark.	..	1	1	..	1	..	1								

FEBRUARY.

LOCALITY.	Male.	Female	Married.	Single.	White.	Colored.	Total.	LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.
Anaconda, Mont	1	..	1	..	1	..	1	Marietta, Ohio.	..	1	1	..	1	..	1
Austin, Tex.	1	..	1	..	1	..	1	New Orleans, La.	..	1	1	..	1	..	1
Blaine, Wash.	1	..	..	1	1	..	1	Newport, Ark.	..	1	1	..	1	..	1
Cross Keys, Mo.	..	1	1	..	1	..	1	Orlando, Fla.	1	..	..	1	1	..	1
Doniphan, Mo.	1	..	..	1	1	..	1	Peoria, Ill	..	1	1	..	1	..	1
East St. Louis, Ill.	3	2	3	2	4	1	5	San Luis Potosi, Mex.	1	..	..	1	1	..	1
Espanola, N. M.	1	..	..	1	1	..	1	Santa Barbara, Cal	1	..	..	1	1	..	1
Gas City, Ind.	1	..	..	1	1	..	1	Scheele, Mo.	..	1	1	..	1	..	1
Havana, Cuba.	1	..	..	1	1	..	1	St. Augustine, Fla.	1	..	1	..	1	..	1
Huntsville, Mo	1	..	1	..	1	..	1	St. Louis County, Mo.	6	3	7	2	9	..	9
Jerseyville, Ill.	..	1	..	1	1	..	1	Vicksburg, Miss.	1	..	1	..	1	..	1
Kansas City, Mo.	..	1	..	1	1	..	1	Webb City, Mo.	..	1	..	1	1	..	1
Los Angeles, Cal.	..	1	1	..	1	..	1								
Manila, P. I.	2	..	..	2	2	..	2	Total	24	15	22	17	38	1	39

MARCH.

LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.	LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.
Alton, Ill	..	1	1	..	1	..	1	Lowville, N. Y.	..	1	1	..	1	..	1
Brinkley, Ark.	1	..	1	..	1	..	1	Madison, Ill	1	..	..	1	1	..	1
Cheyenne, Col.	2	..	1	1	2	..	2	Memphis, Tenn	..	1	1	..	1	..	1
Chicago, Ill.	2	..	..	2	2	..	2	Midway, Kan.	1	..	1	..	1	..	1
Cincinnati, Ohio.	1	..	1	..	1	..	1	Mt. Clemens, Mich	1	..	1	..	1	..	1
Collinsville, Ill	1	..	1	..	1	..	1	New York City	..	1	1	..	1	..	1
Curve, Mo	1	..	..	1	1	..	1	Oakland, Cal.	..	1	..	1	1	..	1
De Soto, Mo	..	1	..	1	1	..	1	Philippine Islands	3	..	1	2	3	..	3
East St. Louis, Ill.	1	2	2	1	3	..	3	Phœnix, Ariz	1	..	1	..	1	..	1
Evansville, Ind.	1	..	1	..	1	..	1	Price P. O., Mo.	1	..	1	..	1	..	1
Fort Smith, Ark.	..	1	1	..	1	..	1	San Antonio, Tex	1	..	..	1	1	..	
Fort Worth, Tex	1	..	1	..	1	..	1	Santiago, Cuba	1	..	..	1	1	..	1
Galveston, Tex.	1	..	1	..	..	1	1	Springfield, Mo.	..	1	1	..	1	..	1
Glen Carbon, Ill.	1	..	..	1	1	..	1	Silver City, N. M.	1	..	..	1	1	..	1
Granite City, Ill.	2	..	..	2	2	..	2	Surrounded Hill, Ark	1	..	1	..	1	..	1
Holquin, Cuba	1	..	..	1	1	..	1	St. Louis County, Mo	6	3	5	4	8	1	9
Independence, Mo.	..	1	1	..	1	..	1	Vincennes, Ind.	1	..	1	..	1	..	1
Jonesburg, Mo	1	..	1	..	1	..	1	Walker, Mo.	..	1	1	..	1	..	1
Kansas City, Mo.	1	1	1	1	2	..	2								
Lovington, Ill	..	1	1	..	1	..	1	Total	37	17	32	22	52	2	54

TABLE NO. 25.—*Continued.*

APRIL.

LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.	LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.
Addieville, Ill	..	1	..	1	1	..	1	Los Angeles, Cal	1	..	1	..	1	..	1
Albuquerque, N. M	..	1	1	..	1	..	1	Memphis, Tenn	1	..	..	1	1	..	1
Caruthersville, Mo	1	..	..	1	1	..	1	Milwaukee, Wis	..	1	1	..	1	..	1
Collinsville, Ill	1	..	1	..	1	..	1	Mt. Vernon, Ill	..	1	1	..	1	..	1
Columbus, Ohio	1	..	..	1	1	..	1	Nashville, Tenn	1	..	..	1	1	..	1
Chicago, Ill	2	1	2	1	3	..	3	Newberg, Ark	..	1	..	1	1	..	1
Cincinnati, Ohio	..	1	1	..	1	..	1	New Eldora, Cal	1	..	1	..	1	..	1
Dougherty, I. T	..	1	1	..	1	..	1	New Perry, Mo	1	..	..	1	1	..	1
Denver, Col	1	..	..	1	1	..	1	New York City	..	1	1	..	1	..	1
Douglas, Neb	1	..	..	1	1	..	1	Oakland, Cal	..	1	1	..	1	..	1
East St Louis, Ill	1	1	1	1	2	..	2	Pittsburg, Pa	..	1	1	..	1	..	1
El Paso, Tex	2	..	1	1	2	..	2	Quincy, Ill	1	..	1	..	1	..	1
E. Las Vegas, N. M	..	1	1	..	1	..	1	San Francisco, Cal	..	2	2	..	2	..	2
Fairfield, Ill	..	1	1	..	1	..	1	St. Joseph, Mo	2	..	1	1	2	..	2
Fort Scott, Kan	1	..	..	1	1	..	1	St. Louis County, Mo	5	1	3	3	6	..	6
Fredericktown, Mo	1	..	1	..	1	..	1	Venice, Ill	1	..	1	..	1	..	1
Granite City, Ill	1	..	..	1	1	..	1								
Hot Springs, Ark	..	1	1	..	1	..	1	Total	27	18	27	18	45	..	45

MAY.

LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.	LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.
Baker City, Ore	1	..	1	..	1	..	1	Nr. St Charles, Mo	1	..	..	1	1	..	1
Butler, Mo	..	1	..	1	1	..	1	New York City	..	1	1	..	1	..	1
Cincinnati, Ohio	1	..	1	..	1	..	1	Oak Park, Ill	1	..	1	..	1	..	1
Citronelle, Ala	1	..	1	..	1	..	1	Oakville, Mo	1	..	1	..	4	..	1
Denver, Col	..	1	..	1	1	..	1	Paducah, Ky	1	..	1	..	1	..	1
Dubuque, Iowa	1	..	1	..	1	..	1	Pauley Valley, I. T	1	..	..	1	1	..	1
East St. Louis, Ill	1	1	2	..	2	..	2	Peoria, Ill	..	1	..	1	1	..	1
Edwardsville Ill	..	1	1	..	1	..	1	Philadelphia, Pa	1	..	1	..	1	..	1
Germany	1	..	1	..	1	..	1	Poplar Bluff, Mo	1	..	1	..	1	..	1
Granite City, Ill	..	1	1	..	1	..	1	San Antonio, Tex	1	1	2	..	2	..	2
Humansville, Mo	1	..	1	..	1	..	1	St. Louis County, Mo	6	9	7	8	15	..	15
Kansas City, Kan	1	..	..	1	1	..	1	Tutoepolis, Ill	..	1	1	..	1	..	1
Louisville, Ky	..	1	1	..	1	..	1	Venice, Ill	3	..	..	3	2	1	3
Mississippi River	1	..	1	..	1	..	1	Wellston, Mo	..	1	..	1	..	1	1
Nr. Labadie, Mo	1	..	..	1	1	..	1								
New Baden, Ill	..	1	..	1	1	..	1	Total	27	21	28	20	46	2	48

JUNE.

LOCAILTY.	Male.	Female.	Married.	Single.	White.	Colored	Total.	LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.
Belleville, Ill	..	1	1	..	1	..	1	Millstadt, Ill	..	1	..	1	1	..	1
Bridgeton, Mo	..	1	1	..	1	..	1	Mississippi River	2	..	..	2	2	..	2
Citronelle, Ala	..	1	1	..	1	..	1	Ochiltree, Tex	1	..	1	..	1	..	1
Denver, Col	..	1	..	1	1	..	1	Oconomowoc, Wis	..	1	1	..	1	..	1
East St. Louis, Ill	1	2	1	2	2	1	3	Okawville, Ill	1	..	1	..	1	..	1
Elvins, Mo	..	1	..	1	1	..	1	Patterson, N. J	..	1	1	..	1	..	1
Emma, Tex	1	..	..	1	1	..	1	Pueblo, Col	..	1	1	..	1	..	1
Eureka Springs, Ark	..	1	..	1	1	..	1	Redlands, Cal	..	1	1	..	1	..	1
Ferguson, Mo	1	..	1	..	1	..	1	Springfield, Ill	..	2	2	..	2	..	2
France	1	..	1	..	1	..	1	St. Charles, Mo	2	..	..	2	2	..	2
Gainesville, Tex	..	1	1	..	1	..	1	St. Joseph, Mo	..	2	1	1	2	..	2
Granite City, Ill	1	..	1	..	1	..	1	St. Louis County, Mo	4	4	4	4	6	2	8
Greenville, Ill	1	..	..	1	1	..	1	St. Paul, Minn	1	..	..	1	..	1	1
Judsonia, Ark	..	1	1	..	1	..	1	Tennessee River	..	1	1	..	..	1	1
Kansas City, Mo	1	..	1	..	1	..	1	Vicksburg, Miss	1	..	1	..	1	..	1
Kampsville	1	..	1	..	1	..	1	Winona, Minn	1	..	1	..	1	..	1
Leavenworth, Kan	..	1	1	..	1	..	1								
Litchfield, Ill	1	..	1	..	1	..	1	Total	23	25	29	19	43	5	48
Lorain, Ohio	1	..	..	1	1	..	1								

TABLE NO. 25.—*Continued.*

JULY.

LOCALITY.	Male.	Female.	Married	Single.	White.	Colored.	Total.
Albuquerque, N. M	..	1	1	..	1	..	1
Atlantic City, N. J	..	1	1	..	1	..	1
Bison, Kan.	1	..	1	..	1	..	1
Canton, Mo	1	..	1	..	1	..	1
Covington, Ky	..	1	1	..	1	..	1
Cripple Creek, Col	1	..	1	..	1	..	1
Dallas, Tex	1	..	..	1	1	..	1
Denver, Col	..	1	..	1	1	..	1
Detroit, Mich	..	1	..	1	1	..	1
Duluth, Minn	1	..	..	1	1	..	1
East Carondelet, Ill	..	1	1	..	1	..	1
East St. Louis, Ill	5	..	4	1	5	..	5
Edwardsville, Ill	..	1	1	..	1	..	1
Ferguson, Mo	1	..	1	..	1	..	1
Granite City, Ill	1	..	..	1	1	..	1
Indianapolis, Ind	1	..	..	1	1	..	1
Joliet, Ill	1	..	..	1	1	..	1
Joplin, Mo	1	..	..	1	1	..	1
Jennings, Mo	..	1	..	1	1	..	1
Kansas City, Mo	1	..	..	1	1	..	1
Mississippi River	1	..	..	1	1	..	1
New York City	..	1	..	1	1	..	1
Oak Ridge, Miss	1	..	..	1	1	..	1
Okawville, Ill	1	..	1	..	1	..	1
Potosi, Washington Co., Mo	..	1	..	1	1	..	1
Quincy, Ill	1	..	..	1	1	..	1
Rolla, Mo	..	1	1	..	1	..	1
Steubenville, Mo	1	..	..	1	1	..	1
St. Joseph, Mo	1	..	1	..	1	..	1
St. Louis County, Mo	11	7	11	7	18	..	18
Total	33	18	27	24	51	..	51

AUGUST.

LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.
Atlantic City, N. J	1	..	1	..	1	..	1
Barnum, Iowa	1	..	1	..	1	..	1
Biddeford Pool, Me	1	..	1	..	1	..	1
Brooklyn, N. Y	1	..	1	..	1	..	1
Carrollton, Mo	..	1	..	1	1	..	1
Cedar Hill, Mo	..	1	1	..	1	..	1
Chicago, Ill	1	..	1	..	1	..	1
Cincinnati, Ohio	1	..	1	..	1	..	1
Collinsville, Ill	..	1	1	..	1	..	1
Columbia, Ill	..	1	1	..	1	..	1
Corning, Ark	..	1	1	..	1	..	1
East St. Louis, Ill	3	1	3	1	3	1	4
Grafton, Ill	1	..	1	..	1	..	1
Higbee, Mo	..	1	1	..	1	..	1
Hot Springs, Ark	1	..	..	1	1	..	1
Keokuk, Iowa	1	1	1	1	2	..	2
Leadville, Col	1	..	..	1	1	..	1
Leavenworth, Kan	..	1	1	..	1	..	1
Lebanon, Ill	..	1	1	..	1	..	1
Marion, Ill	..	1	1	..	1	..	1
Memphis, Tenn	2	..	1	1	2	..	2
New Hannibal, Mo	..	1	1	..	1	..	1
New Martinville, Mo	..	1	1	..	1	..	1
New York, N. Y	..	1	1	..	1	..	1
Ottawa, Iowa	..	1	1	..	1	..	1
Portland, N. H	1	..	..	1	1	..	1
Pueblo, Col	2	..	1	1	2	..	2
San Francisco, Cal	1	..	..	1	1	..	1
Seattle, Wash	..	1	..	1	1	..	1
Spring Lake, Mich	1	..	..	1	1	..	1
St. Paul, Minn	..	1	1	..	1	..	1
St. Louis County, Mo	10	4	4	10	13	1	14
Terre Haute, Ind	1	..	1	..	..	1	1
Tacoma, Wash	1	..	..	1	1	..	1
Total	33	21	31	23	50	3	53

SEPTEMBER.

LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.
Algoma, Wis	..	1	..	1	1	..	1
Battle Creek, Mich	2	..	1	1	2	..	2
Brooklyn, Ill	1	..	1	..	1	..	1
Chattanooga, Tenn	1	..	..	1	1	..	1
Chicago, Ill	2	1	2	1	3	..	3
Cereal Springs, Ill	1	..	..	1	1	..	1
Denver, Col	..	1	..	1	1	..	1
East St. Louis, Ill	1	..	1	..	1	..	1
Hempstead, Tex	1	..	..	1	1	..	1
Huey, Ill	1	..	1	..	1	..	1
Jefferson City, Mo	1	..	1	..	1	..	1
Joplin, Mo	1	..	1	..	1	..	1
Kansas City, Mo	..	1	1	..	1	..	1
Liberty, N. Y	1	..	1	..	1	..	1
Mississippi River	1	..	..	1	1	..	1
Montrose, Iowa	1	..	..	1	1	..	1
New Orleans, La	1	..	..	1	1	..	1
New York, N. Y	1	..	1	..	1	..	1
Slater, Mo	..	1	1	..	1	..	1
St. James, Mo	..	1	1	..	1	..	1
St. Louis County, Mo	4	9	9	4	13	..	13
Total	21	15	22	14	36	..	36

TABLE NO. 25.—*Continued.*

OCTOBER.

LOCALITY.	Male.	Female.	Married	Single.	White.	Colored.	Total.	LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.
Austin, Tex.	1	..		1	1	..	1	Leavenworth, Kan	1	..	1	..	1	..	1
Belleville, Ill.	1	..	1	..	2	..	1	Madison, Ill.	..	1	..	1	1	..	1
Chicago, Ill	2	..	2	..	1	..	2	New Orleans, La.	1	..	..	1	1	..	1
Collinsville, Ill.	1	..	1	..	1	..	1	Pacific, Mo.	1	..	..	1	1	..	1
Colorado Springs, Col.	..	1	1	..	1	..	1	Rolla, Mo.	..	1	1	..	1	..	1
Denver, Col.	1	..	1	..	1	..	1	San Antonio, Tex.	..	1	..	1	1	..	1
Detroit, Mich.	..	1	1	..	1	..	1	Sedalia, Mo.	1	..	1	..	1	..	1
East St. Louis, Ill.	..	1	..	1	1	..	1	Schalier, Iowa	..	1	1	..	1	..	1
Evansville, Ind.	..	1	1	..	1	..	1	Springfield, Mo.	1	..	..	1	1	..	1
Fruit, Ill.	1	..	..	1	1	..	1	St. Joseph, Mo.	1	..	..	1	1	..	1
Germany	1	..	..	1	1	..	1	St. Louis County, Mo.	9	11	12	8	19	1	20
Granite City, Ill.	1	..	1	..	1	..	1	Upper Alton, Ill.	..	1	1	..	1	..	1
Hamilton, Ohio.	1	..	1	..	1	..	1	West Plaines, Mo.	..	1	1	..	1	..	1
Indianapolis, Ind.	1	..	1	..	1	..	1								
Ironton, Mo.	1	..	1	..	..	1	1	Total.	28	21	31	18	47	2	49
Joplin, Mo.	1	..	1	..	1	..	1								

NOVEMBER.

LOCALITY.	Male.	Female.	Married	Single.	White.	Colored.	Total.	LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.
Alton, Ill.	1	..	..	1	1	..	1	Memphis, Tenn.	1	..	1	..	1	..	1
Anna, Ill	..	1	1	..	1	..	1	Mt. Olive, Ill.	1	..	1	..	1	..	1
Birmingham, Ala.	2	..	2	..	2	..	2	Montgomery, Mo.	1	..	1	..	1	..	1
Chicago, Ill	1	2	2	1	3	..	3	Nashville, Tenn.	..	1	1	..	1	..	1
Cincinnati, Ohio.	1	..	1	..	1	..	1	Nearman, Kan	1	..	..	1	1	..	1
Decatur, Ill.	1	..	1	..	1	..	1	New Douglas, Ill.	..	1	1	..	1	..	1
Dallas, Tex.	1	..	..	1	1	..	1	New Orleans, La.	..	1	..	1	1	..	1
East St. Louis, Ill.	2	4	2	4	5	1	6	New York City	1	..	..	1	1	..	1
Edge Brook, Mo	..	1	..	1	1	..	1	Oakville, Mo.	1	..	..	1	1	..	1
France	..	1	1	..	1	..	1	Otterville, Mo.	1	..	1	..	1	..	1
Granite City, Ill	1	..	1	..	..	1	1	Rising Sun, Ind.	1	..	..	1	1	..	1
Greeley, Col.	1	..	1	..	1	..	1	Salt Lake, Utah.	..	1	1	..	1	..	1
Goltemberg	..	1	1	..	1	..	1	Springfield, Ill.	..	1	..	1	1	..	1
Hot Springs, Ark	1	..	1	..	1	..	1	St. Louis County, Mo.	4	9	4	9	10	3	13
Joplin, Mo.	1	..	1	..	1	..	1	Venice, Ill.	1	..	1	..	1	..	1
Jersey, Ill.	..	1	..	1	1	..	1	Springfield, Mo.	1	..	1	..	1	..	1
Kansas City, Mo.	1	1	..	2	2	..	1								
Los Angeles, Cal	1	..	1	..	1	..	2	Total.	29	26	29	26	50	5	55

DECEMBER.

LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.	LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.
Allenton, Mo.	1	..	1	..	1	..	1	Madison, Ill.	1	..	..	1	1	..	1
Argentine, Kan.	1	..	1	..	1	..	1	Mammoth, Mont	1	..	1	..	1	..	1
Ashton, La.	1	..	1	..	1	..	1	Melrose, Mass.	..	1	1	..	1	..	1
Augsburg, Ill.	1	..	1	..	1	..	1	Milwaukee, Wis.	1	..	1	..	1	..	1
Belleville, Ill	1	..	1	..	1	..	1	Neosho, Mo.	..	1	1	..	1	..	1
Black Jack, Mo.	..	1	1	..	1	..	1	New Madrid, Mo	..	2	..	2	2	..	2
Bloomington, Ill.	1	..	..	1	1	..	1	New York City	1	..	..	1	1	..	1
Cincinnati, Ohio.	..	1	1	..	1	..	1	Oakville, Mo	..	..	..	..	..	..	..
Chetopa, Kan.	..	1	..	1	1	..	1	San Antonio, Tex.	1	..	..	1	1	..	1
Denver, Col.	1	..	..	1	1	..	1	Sedalia, Mo.	..	1	..	1	1	..	1
East St. Louis, Ill.	1	2	2	1	3	..	3	St. Louis County, Mo	9	4	8	5	18	..	13
Fire Works Station, Ill.	1	..	1	..	1	..	1	Troy, Mo.	1	..	1	..	1	..	1
Hot Springs, Ark.	1	..	1	..	1	..	1	Tucson, Ariz	1	..	1	..	1	..	1
Hurdington, Ark.	1	..	1	..	1	..	1	Venice, Ill.	1	..	..	1	1	..	1
Jonesburg, Mo.	..	1	..	1	1	..	1	Wentzville, Mo	1	..	..	1	1	..	1
Kansas City, Mo.	1	..	1	..	1	..	1								
Los Angeles, Cal	..	1	..	1	1	..	1	Total.	30	16	27	19	46	..	46

TABLE NO. 26.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU DURING 1900.

Furnished for the use of the Health Department, by Local Forecast Official, Weather Bureau, St. Louis.

DATE	*BAROMETER.			TEMPERATURE.					WIND.		AVERAGE WEATHER.	RAIN.	Per Ct. Rel'tive Hum'ty	
Jan. 1900.	6:59 A. M.	6:59 P. M.	Daily Mean	†Max.	†Min.	Daily Mean.	A. M. Dew Point.	P. M. Dew Point.	Prevailing Dir.	†Extreme 5 Min. Vel. Mi.		Inch.	A. M.	P. M.
1	30 06	30 33	.....	19	12	16	8	11	W.	27	Cloudy.	T.	80	69
2	30.34	30.29	.....	29	12	20	10	20	W.	31	Clear.	.....	92	74
3	30.34	30.29	.....	37	18	28	16	25	W.	15	Clear.	.....	88	65
4	30.23	30.20	.....	44	30	37	22	30	S.	9	Cloudy.	.....	64	58
5	30.34	30.41	.....	44	40	42	38	41	S.	11	Cloudy.	.21	92	92
6	30.43	30 36	.....	52	39	46	40	43	S. E.	10	Cloudy.	.02	96	80
7	30.32	30.35	.....	56	45	50	48	44	W.	31	Cloudy.	T.	94	83
8	30.43	30.31	.....	46	34	40	32	37	S. E.	15	Part cloudy.	.....	91	75
9	30 21	30.07	.....	62	38	50	34	48	S.	17	Part cloudy.	.....	87	76
10	30 12	30.06	.....	52	34	43	32	35	N.	21	Cloudy.	.06	91	98
11	29.78	29.83	.....	36	30	33	33	31	N. W.	23	Cloudy.	.01	95	90
12	29.97	29.91	.....	46	31	38	30	34	S.	25	Part cloudy.	.....	92	67
13	29.94	29 83	.....	55	36	46	32	38	W.	29	Part cloudy.	T.	86	58
14	29.95	30 02	.....	56	46	52	40	36	W.	28	Clear.	.....	67	59
15	29.97	29 97	.....	64	44	54	40	51	S.	14	Part cloudy.	.....	85	78
16	30 20	30.19	.....	49	39	44	39	39	N.	20	Cloudy.	.06	92	96
17	30.00	29 82	.....	54	39	46	44	51	S. E.	29	Cloudy.	.28	96	97
18	30.06	30.10	.....	41	35	38	37	35	N.	25	Cloudy.	.01	98	91
19	30.06	29.90	.....	40	35	38	32	38	N.	21	Cloudy.	T.	91	96
20	29.85	30 00	.....	50	36	43	34	41	N. W.	22	Part cloudy.	T.	91	82
21	30.19	30.20	.....	49	38	44	36	42	S. E.	14	Clear.	.....	92	89
22	30.18	30.11	.....	53	36	44	32	44	S.	14	Part cloudy.	.....	86	80
23	30.11	30.02	.....	59	41	50	40	44	S.	10	Clear.	.....	85	61
24	29.82	29.77	.....	66	47	56	39	41	S.	39	Clear.	.....	70	59
25	30.17	30.33	.....	49	21	35	16	13	N. W.	34	Clear.	T.	73	56
26	30 38	30 30	.....	29	16	22	9	16	N. W.	14	Part cloudy.	.....	67	60
27	30.13	30.04	.....	47	24	36	18	22	S.	30	Part cloudy.	.....	68	48
28	30.30	30.38	.....	32	9	20	-1	-3	N. W.	30	Part cloudy.	.....	46	52
29	30.29	29.86	.....	29	7	18	-4	10	S.	26	Part cloudy.	.....	56	41
30	29 90	30 02	.....	31	11	21	12	-6	W.	37	Clear.	.....	60	32
31	30.16	30.27	.....	14	4	9	-6	-6	W.	32	Clear.	.....	57	40
Avs.	30 14	30 11	...	45	30	37	27	30	S.	.....	.....	0.65	82	71

TABLE NO. 27.

DATE	*BAROMETER.			TEMPERATURE.					WIND.		AVERAGE WEATHER.	RAIN.	Per Ct. Rel'tive Hum'ty	
Feb. 1900.	6:59 A. M.	6:59 P. M.	Daily Mean	†Max.	†Min.	Daily Mean.	A. M. Dew Point.	P. M. Dew Point.	Prevailing Dir.	†Extreme 5 Min. Vel. Mi.		Inch.	A. M.	P. M.
1	30.26	30.14	.....	30	6	18	1	12	S. W.	27	Part cloudy.	.....	66	45
2	30.18	30.17	.....	35	24	30	14	24	N. W.	12	Part cloudy.	.....	64	66
3	30.01	29.75	.....	50	28	39	19	42	S.	22	Cloudy.	T.	64	79
4	29.65	30.12	.....	50	28	39	32	20	N. W.	31	Cloudy.	.25	91	66
5	30.16	29.89	.....	41	25	33	23	33	S. E.	16	Cloudy.	.05	85	79
6	29.95	29.87	.....	46	36	41	34	41	S. E.	12	Cloudy.	T.	90	85
7	29.78	29 61	.....	60	46	53	54	57	S.	19	Cloudy.	.60	98	97
8	29.55	30.13	.....	65	16	40	38	16	W.	61	Cloudy.	1.32	81	90
9	30 50	30 45	.....	29	12	20	4	18	E.	19	Clear.	T.	68	64
10	30.34	30.21	.....	44	26	35	23	16	N. E.	9	Clear.	.....	88	83
11	30.06	29.81	.....	53	31	42	22	28	S.	19	Clear.	.....	64	51
12	29.80	29.66	.....	46	35	40	32	42	S.	30	Cloudy.	.04	74	92
13	30.19	30.34	.....	35	17	26	12	17	N. W.	34	Clear.	T.	76	62
14	30.25	30.06	.....	37	24	30	20	28	N. E.	18	Cloudy.	T.	75	78
15	30.36	30.33	.....	29	11	20	8	10	N.	21	Cloudy.	T.	77	84
16	30.31	30.34	.....	16	4	10	0	0	N. W.	28	Part cloudy.	.08	64	67
17	30.41	30.47	.....	14	1	8	1	9	W.	24	Clear.	.....	86	88
18	30.36	30.21	.....	32	10	21	8	22	W.	22	Clear.	.....	87	72
19	30.18	30.04	.....	40	24	32	20	27	S. E.	22	Cloudy.	.....	75	63
20	29.91	29.80	.....	48	34	41	26	41	S.	19	Cloudy.	.08	69	96
21	29.50	29 66	.....	45	31	38	41	32	E.	29	Cloudy.	.56	98	96
22	29 89	29 92	.....	41	29	35	25	28	N. W.	27	Clear.	.05	78	64
23	29.87	29 78	.....	56	24	40	30	34	S.	30	Cloudy.	.28	80	100
24	30.00	30 04	.....	24	8	16	1	3	W. N. W.	39	Part cloudy.	.06	66	61
25	30.15	30.13	.....	20	6	13	0	6	W.	30	Part cloudy.	T.	75	50
26	30.22	30.36	.....	24	15	20	13	18	N. E.	12	Part cloudy.	.01	83	74
27	30.36	30 05	.....	30	21	26	17	26	E.	22	Cloudy.	.36	71	94
28	29 79	29.97	.....	31	24	28	28	26	N.	31	Cloudy.	1.35	100	98
Avs.	30 07	30 017	...	...	...	...29	8 19	4 24	1 N. W.	...	Total,	5.09	78 2	74.6

TABLE NO. 28.

DATE	*BAROMETER.			TEMPERATURE.					WIND.		AVERAGE.	RAIN.	Per Ct. Rel'tive Hum'ty	
Mch. 1900.	6:59 A. M.	6 59 P. M.	Daily Mean	‡Max.	‡Min.	Daily Mean.	A. M. Dew Point.	P. M. Dew Point.	Prevailing Dir.	‡Extreme 5 Min. Vel. Mi	WEATHER.	Inch.	A. M.	P. M.
1	30.10	30.08	.....	33	26	30	24	30	N. W.	28	Part cloudy.	.02	94	90
2	30.10	30.36	.....	34	27	30	24	26	W.	30	Cloudy.	.....	77	74
3	30.51	30 32	.....	40	29	34	26	30	S. E.	18	Part cloudy	.....	89	72
4	30.13	30.23	.....	52	35	44	38	35	S.	20	Cloudy.	T.	84	77
5	30.12	29.71	.....	58	34	46	34	54	N. E.	24	Cloudy.	.69	100	90
6	29.93	30.29	.....	60	28	44	26	21	W.	40	Part cloudy.	.45	72	67
7	30.49	30.47	.....	39	27	33	21	29	E. N. E.	12	Part cloudy.	.....	75	71
8	30.40	30.24	.....	53	31	42	28	34	S. E.	13	Clear.	.....	87	55
9	30.10	30.15	.....	56	40	48	30	40	S.	18	Cloudy.	T.	64	72
10	30.25	30.02	.....	68	35	52	32	49	W.	30	Clear.	.....	89	59
11	29.97	29.97	.....	77	46	62	42	52	W.	24	Clear.	.....	74	65
12	30.15	29.90	.....	60	34	47	32	49	S.	17	Part cloudy.	.....	95	72
13	29 99	30.15	.....	56	43	50	36	32	N.	29	Clear.	T.	74	50
14	30.29	30.16	.....	54	32	38	25	24	N.	22	Cloudy.	.....	70	65
15	30 12	30 02	.....	33	21	27	19	20	N. W.	22	Cloudy.	.02	86	84
16	29.98	30.22	.....	28	11	17	18	9	W.	40	Part cloudy.	T.	100	81
17	30.24	29.91	.....	48	10	29	7	21	S. W.	40	Clear.	.....	70	35
18	29.89	29.70	.....	51	38	44	33	45	S.	23	Part cloudy.	T.	71	81
19	29.56	29.74	.....	57	39	48	45	31	W.	39	Part cloudy.	T.	91	52
20	30 12	30.38	.....	39	26	32	18	19	N. W.	38	Clear.	.....	64	55
21	30.51	30 30	.....	44	24	34	16	15	S. W.	16	Clear.	.....	67	30
22	30 16	30.05	.....	64	37	50	24	34	S.	38	Part cloudy.	.....	50	38
23	30.07	29.97	.....	65	51	58	38	44	E.	17	Cloudy.	T.	62	53
24	30.02	29.84	.....	57	43	50	39	50	E.	14	Cloudy.	T.	83	82
25	29.76	29.76	.....	56	46	51	42	46	E.	26	Cloudy.	.20	82	87
26	29.84	29.84	.....	58	39	48	32	36	W.	22	Clear.	.....	75	50
27	29.88	29.77	.....	65	37	51	32	45	E.	18	Clear.	.....	77	54
28	29.96	29.82	.....	69	45	51	37	50	E.	24	Part cloudy.	.....	72	59
29	30.05	30.08	.....	57	40	48	35	33	N. W.	32	Part cloudy.	.07	84	59
30	30.11	30.30	.....	43	34	38	31	28	N.	28	Cloudy.	T.	82	60
31	30.41	30.34	....	52	34	43	30	34	N. W.	14	Clear.	.....	80	56
Avs.	30.10	30.07	....	52	34	43	30	34	N. W.	.....	Total,	1.45	79	64

TABLE NO. 29.

DATE	*BAROMETER.			TEMPERATURE.					WIND.		AVERAGE WEATHER.	RAIN.	Per ct. Rel'tive Hum'ty	
Apr. 1900.	6:59 A. M	6:59 P. M.	Daily Mean	‡Max.	‡Min.	Daily Mean.	A. M. Dew Point.	P. M. Dew Point.	Prevailing Dir.	‡Extreme 5 Min. Vel. Mi.		Inch.	A. M.	P. M.
1	30 23	29.92	.....	62	40	51	32	38	S.	21	Part cloudy..	T.	69	45
2	30 01	29.97	.....	62	43	52	34	40	N. W.	16	Clear.	.....	72	51
3	29.97	30.03	.....	62	42	52	36	37	E.	30	Cloudy.	.....	66	46
4	30 42	30.46	.....	55	34	44	26	28	N. E.	19	Clear.	.....	69	38
5	30.55	30.36	.....	65	40	52	29	41	S. E.	14	Clear.	.....	58	45
6	30.28	30.05	.....	78	47	62	34	52	S.	12	Clear.	.....	54	48
7	29.96	29 81	.....	79	57	68	32	37	S. W.	15	Clear.	.....	38	26
8	29.80	29 72	.....	76	55	66	37	50	S.	15	Cloudy.	T.	50	55
9	29 95	30.10	.....	62	44	53	36	36	N. E.	28	Clear.	.....	60	54
10	30.20	30.10	.....	45	34	40	33	37	N E.	32	Cloudy.	.55	89	75
11	30.04	30.14	.....	39	34	36	33	32	N.	30	Cloudy.	.07	95	86
12	30.10	30.03	.....	40	32	36	32	36	W.	30	Cloudy.	T.	90	88
13	29.97	29.96	.....	60	39	50	30	44	W.	40	Clear.	.....	67	65
14	30 07	29.98	.....	70	43	56	23	43	S.	20	Clear.	.....	59	47
15	30.06	29.96	.....	67	51	59	32	48	S. E.	18	Cloudy.	.08	60	54
16	29 90	29.80	.....	73	55	64	55	64	S.	24	Cloudy.	.20	94	88
17	29.68	29.66	.....	75	56	66	57	52	S.	40	Part cloudy..	.04	89	63
18	29 85	29 96	.....	59	52	56	40	48	W. S. W.	29	Cloudy.	.....	63	67
19	30.08	30.03	.....	70	49	60	44	55	E.	11	Clear.	.....	72	66
20	30.00	29.78	.....	65	53	59	42	53	N. E.	24	Cloudy.	.08	62	86
21	29 72	29.75	.....	56	53	54	52	52	S.	24	Cloudy.	.25	91	97
22	29.84	29.76	.....	77	53	65	53	63	S. W.	15	Part cloudy.	.04	88	73
23	29.82	29 82	.....	68	61	64	56	60	E.	28	Cloudy.	.51	84	97
24	29.96	29.92	.....	73	60	66	58	63	E.	15	Part cloudy.	T.	94	78
25	29.99	29 91	.....	76	61	68	52	62	E.	15	Part cloudy.	.....	69	69
26	29.98	29.92	.....	74	62	68	52	62	N. E.	15	Part cloudy.	.01	69	77
27	30.01	29 96	.....	78	60	69	48	62	E.	18	Clear.	.....	61	66
28	30.07	29.95	.....	80	57	68	43	64	E.	20	Clear.	.....	51	68
29	30.02	29 96	.....	82	59	70	44	46	N. E.	10	Clear.	.....	54	31
30	30.08	29.99	.....	73	56	64	41	39	N.	29	Clear.	.....	51	34
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Avs.	30 02	29.96	.....	67	49	58	41	48	E.	.....	Total.	1.83	70	63

TABLE NO. 30.

DATE	*BAROMETER.			TEMPERATURE.			A. M. Dew Point.	P. M. Dew Point.	WIND.		AVERAGE WEATHER.	RAIN.	Per Ct. Rel'tive Hum'ty	
May, 1900.	6:59 A. M.	6:59 P. M.	Daily Mean	†Max.	†Min.	Daily Mean.			Prevailing Dir.	†Extreme 5 Min. Vel. Mi.		Inch.	A. M.	P. M.
1	30.00	29.83	.....	78	54	24	42	43	N.	12	Part cloudy.	.....	53	33
2	29.78	29.75	.....	77	59	18	44	54	S.	32	Part cloudy.	.06	54	57
3	30.06	30.07	.....	59	49	10	36	24	N. W.	22	Clear.	.....	61	27
4	29.96	29 87	.....	69	48	21	33	45	N. E.	25	Part cloudy.	.....	47	47
5	30.02	29.92	.....	76	51	25	34	52	E.	16	Clear.	.....	44	48
6	29.87	29 87	.....	74	59	15	58	62	E.	30	Part cloudy.	2.10	84	80
7	29.81	29.78	.....	81	63	18	62	63	S.	25	Part cloudy.	.81	92	82
8	29 83	29.91	.....	77	61	16	60	59	S.	29	Part cloudy.	T.	85	68
9	30.16	30 28	.....	63	51	12	45	42	N.	23	Part cloudy.	.16	82	54
10	30.34	30 14	.....	72	48	24	32	43	S.	12	Clear.	.....	46	40
11	30.12	29 94	.....	83	54	29	45	48	S.	21	Clear.	.....	61	34
12	30.03	29 91	.....	86	61	25	52	52	S.	18	Clear.	.....	66	38
13	30 02	29 94	.....	89	64	25	57	59	S.	21	Clear.	.....	68	46
14	30 03	29.91	.....	89	68	21	60	56	S.	14	Clear.	.....	68	40
15	29.98	29 89	.....	88	68	20	58	62	S.	15	Clear.	.....	65	48
16	29.92	29 86	.....	87	68	19	62	63	S.	31	Cloudy.	.03	77	70
17	29.87	29.77	.....	78	65	13	64	62	S. E.	20	Cloudy.	.41	92	69
18	29.73	29.73	.....	67	52	15	62	52	N.	19	Cloudy.	T.	95	88
19	29.77	29.87	.....	55	52	3	53	52	N. W.	16	Cloudy.	.04	99	97
20	30.03	30.06	.....	70	50	20	42	43	N.	16	Clear.	T.	66	41
21	30.12	30.05	.....	78	55	23	45	52	N. W.	14	Clear.	.....	53	44
22	30.07	29.93	.....	80	60	20	48	53	S. E.	10	Part cloudy.	.....	59	44
23	29.89	29.85	.....	72	65	7	57	62	S. E.	12	Cloudy.	T.	75	83
24	29.90	29.88	.....	80	63	17	62	58	N.	12	Clear.	.....	85	52
25	30.01	30.00	.....	83	64	19	61	56	N.	10	Clear.	.....	80	44
26	30.06	30 00	.....	86	66	20	61	57	N.	8	Part cloudy.	.....	80	42
27	30 03	29.93	.....	86	70	16	61	61	S.	20	Cloudy.	T.	67	47
28	29 95	29.93	.....	82	71	11	63	68	S.	18	Cloudy.	T.	66	82
29	29 96	29.98	.....	81	68	13	66	67	S.	17	Part cloudy.	.11	86	82
30	30.03	29 98	.....	82	68	14	66	69	S.	14	Cloudy.	.22	86	77
31	29.96	29.88	.....	74	68	6	69	66	S.	10	Cloudy.	.53	98	78
Avs.	29 98	29.93	.....	78	60	17	54	55	.....	.....	Total,	4.47	72	58

TABLE NO. 31.

DATE	*BAROMETER.			TEMPERATURE.			A. M. Dew Point.	P. M. Dew Point.	WIND.		AVERAGE WEATHER.	RAIN.	Per Ct relative humi'ty	
June, 1900.	6:59 A. M.	6:59 P. M.	Daily Mean	†Max.	†Min.	Daily Mean.			Prevailing Dir.	†Extreme 5 Min. Vel. Mi.		Inch.	A. M.	P. M.
1	29 90	29.89	.....	84	70	77	67	72	W.	14	Cloudy.	.....	86	74
2	30.03	30.04	.....	76	63	70	57	59	N.	20	Part cloudy.	.....	71	65
3	30.14	30.05	.....	73	55	64	53	62	N. E.	14	Clear.	.....	88	71
4	30.08	30 00	.....	78	58	68	56	63	N. E.	14	Clear.	.....	84	64
5	30 01	29.87	.....	81	66	73	58	69	N. E.	14	Cloudy.	T.	78	75
6	29.81	29.70	.....	86	71	78	69	63	S.	24	Cloudy.	.03	86	57
7	29.72	29.75	.....	76	67	72	64	68	W.	18	Cloudy.	.02	89	78
8	29.84	29 90	.....	85	69	77	66	52	N.	24	Clear.	.....	80	38
9	30.00	29 91	.....	86	61	74	52	61	S. E.	18	Clear.	.....	63	51
10	29.88	29.93	.....	93	69	81	63	70	S.	24	Part cloudy.	.12	73	88
11	30.06	30.04	.....	78	69	74	56	57	N. E.	19	Part cloudy.	.12	62	53
12	30.06	29.91	.....	85	65	75	56	69	N. E.	14	Part cloudy.	.....	71	63
13	29 88	29.91	.....	81	66	74	64	66	N. W.	45	Part cloudy.	1.28	88	73
14	30.03	29 99	.....	80	68	74	64	62	N. E.	20	Cloudy.	. .	81	63
15	30.02	29 96	.....	74	64	69	59	67	N. E.	22	Cloudy.	T.	76	86
16	29.92	29.83	.....	77	65	71	61	69	N. E.	14	Part cloudy.	.....	86	78
17	29.88	29 84	....	81	68	74	68	72	N. E.	17	Part cloudy.	.....	88	90
18	29.98	30.04	.....	82	64	73	56	55	N. E.	20	Clear.	.....	65	44
19	30 15	30.08	.....	81	61	71	53	52	N. E.	16	Clear.	.....	69	43
20	30.11	29 98	.....	81	64	72	54	57	N. E.	11	Part cloudy.	.....	54	49
21	29 91	29 68	.....	82	68	75	63	67	S.	22	Cloudy.	T.	78	68
22	29.59	29.68	.....	77	68	72	68	66	N.	24	Cloudy.	.37	86	86
23	29 77	29.78	.....	74	66	70	63	69	N. E.	20	Cloudy.	.25	88	95
24	29 84	29.77	.....	82	67	74	68	70	N. E.	22	Cloudy.	.05	95	81
25	29.82	29.78	.....	85	71	78	70	65	S.	12	Part cloudy.	.....	88	56
26	29.78	29.71	.....	86	70	78	68	68	S.	10	Part cloudy.	.01	86	68
27	29.79	29 76	.....	90	72	81	69	71	S. W.	32	Parl cloudy.	.....	82	69
28	29.85	29.87	.....	91	78	84	69	73	W.	20	Part cloudy.	.08	76	42
29	29.93	29.87	.....	92	75	84	68	72	S. W.	28	Part cloudy.	.....	75	56
30	29 99	29 96	.....	82	67	74	64	69	E.	18	Cloudy.	.29	89	78
.....	.....	.....	.....	...	...	...	...	...	.....	.....	.....	.....	...	...
Avs.	29 92	29 88	.....	82	67	74	62	65	.....	.....	Total,	2 62	79	77

TABLE NO. 32.

DATE	*BAROMETER.			TEMPERATURE.					WIND.		AVERAGE	RAIN.	Per Ct. Rel'tive Hum'ty	
July, 1900	6:59 A. M.	6:59 P. M.	Daily Mean	‡Max.	‡Min.	Daily Mean.	A. M. Dew Point.	P. M. Dew Point.	Prevailing Dir.	‡Extreme 5 Min. Vel. Mi.	WEATHER.	Inch.	A. M.	P. M.
1	30.02	29.97	.....	85	69	77	68	72	S. E.	10	Cloudy.	.21	91	72
2	30.03	29.92	.....	94	74	84	71	74	S.	16	Clear.	.....	85	60
3	30.01	29.95	.....	94	78	86	72	73	S.	20	Clear.	.....	81	57
4	30.06	29.97	.....	94	78	86	73	72	S.	19	Clear.	.....	79	57
5	30.02	29.93	.....	92	75	84	72	71	S.	28	Clear.	T.	79	65
6	29.98	29.84	.....	90	78	84	71	72	S.	32	Part cloudy.	T.	79	63
7	29.91	29.74	.....	94	70	82	72	76	S. W.	38	Clear.	.....	79	68
8	29.91	29.89	.....	81	69	75	64	62	W.	32	Clear.	.26	72	56
9	29.98	29.90	.....	86	64	75	59	62	W.	12	Clear.	.....	72	52
10	29.93	29.84	.....	88	70	79	61	68	S.	31	Part cloudy.	.03	65	64
11	29.92	29.93	.....	88	70	79	68	68	S. W.	30	Part cloudy.	.29	78	74
12	30.07	30.03	.....	84	66	75	57	67	N. E.	14	Part cloudy.	.....	71	65
13	30.06	29.96	.....	91	71	81	57	73	S. E.	12	Clear.	.....	60	64
14	30.01	29.92	.....	91	76	84	69	70	S.	21	Clear.	.....	76	57
15	29.97	29.89	.....	89	75	82	72	69	S.	25	Part cloudy.	T.	75	65
16	29.90	29.88	.....	89	74	82	72	72	S.	34	Cloudy.	.66	91	83
17	29.93	29.98	.....	77	68	72	70	68	N. W.	23	Cloudy.	.74	95	84
18	30.08	30.00	.....	78	66	72	62	70	N. W.	8	Cloudy.	.....	80	77
19	30.03	29.91	.....	89	70	80	70	75	S.	29	Part cloudy.	.....	98	70
20	29.91	29.98	.....	86	71	78	70	67	N.	31	Part cloudy.	.02	80	78
21	30.10	30.06	.....	81	65	73	62	69	N. E.	12	Part cloudy.	T.	90	71
22	30.11	30.05	.....	87	70	78	67	68	S.	8	Clear.	.....	88	60
23	30.09	29.96	.....	92	75	84	71	68	S.	15	Clear.	.....	83	52
24	29.92	29.84	.....	87	70	78	71	74	S. W.	62	Cloudy.	1.62	81	98
25	29.84	29.89	.....	81	72	76	70	64	N.	22	Part cloudy.	.02	92	60
26	30.00	29.98	.....	84	69	76	62	62	N. & N. E.	14	Clear.	.....	70	54
27	30.10	30.03	.....	80	64	72	58	61	N. E.	12	Clear.	.....	75	56
28	30.06	29.95	.....	84	66	75	59	66	N. E.	8	Part cloudy.	....	68	61
29	29.97	29.93	.....	87	70	78	66	69	W.	15	Clear.	.....	80	62
30	30.06	30.02	.....	85	69	77	64	69	N.	14	Clear.	.....	72	62
31	30.10	30.07	.....	88	71	80	65	72	N.	12	Clear.	.....	74	63
Ave.	30.00	29.94	....	87	71	79	67	69	S.	.....	Total,	3.85	79	66

TABLE NO. 33.

Aug. 1900.	*BAROMETER.			TEMPERATURE.					WIND.		AVERAGE.	RAIN.	Per C't. Rel'tive Hum'ty	
	6:59 A. M.	6:59 P. M.	Daily Mean	‡Max.	‡Min.	Daily Mean.	A. M. Dew Point.	P. M. Dew Point.	Prevailing Dir.	‡Extreme 5 Min. Vel. Mi.	WEATHER.	Inch.	A. M.	P. M.
1	30.12	30.08	....	92	73	82	64	74	N. & W.	22	Clear.	.....	70	80
2	30.09	30.00	.....	93	74	84	70	80	S. W.	16	Clear.	.....	30	74
3	30.11	30.04	.....	93	77	85	72	84	S.	12	Clear.	.....	79	85
4	30.17	30.08	....	95	78	86	74	86	S.	10	Clear.	.....	87	85
5	30.17	30.10	.....	95	78	86	74	71	S.	15	Clear.	.....	83	58
6	30.17	30.09	.....	94	76	85	71	81	S.	12	Clear.	.....	88	78
7	30.18	30.14	.....	92	77	84	76	79	S.	14	Clear.	.....	91	77
8	30.24	30.13	.....	94	74	84	73	82	S.	12	Clear.	.....	87	81
9	30.17	30.02	.....	95	77	86	74	78	S.	12	Clear.	.....	87	65
10	30.08	29.99	.....	95	77	86	72	74	S.	18	Clear.	.....	81	64
11	30.05	29.94	.....	93	76	84	68	71	S.	29	Cloudy.	.....	78	55
12	29.97	29.90	.....	91	78	84	70	77	S. W.	29	Part cloudy.	.....	77	71
13	29.95	29.95	.....	89	75	82	67	74	S.	32	Cloudy.	.....	76	70
14	29.98	29.95	.....	92	79	86	78	78	S.	30	Clear.	.....	79	77
15	29.98	29.92	.....	93	78	86	77	80	S.	25	Part cloudy.	.....	83	71
16	29.98	29.92	.....	93	76	84	78	79	S.	22	Part cloudy.	.05	79	68
17	30.01	29.92	.....	98	79	88	72	70	S.	17	Clear.	.....	75	46
18	30.04	30.01	.....	99	81	90	70	73	S.	30	Clear.	.04	67	58
19	30.10	30.04	.....	96	78	87	70	76	S.	16	Clear.	.....	75	68
20	30.08	29.89	.....	97	79	88	70	68	S. W.	21	Clear.	.....	67	44
21	29.94	29.35	.....	99	76	88	67	71	S. W.	30	Clear.	.....	60	60
22	29.91	29.80	....	87	76	82	70	72	S. W.	18	Cloudy.	.....	76	66
23	29.82	29.77	.....	92	74	83	70	66	S. W.	59	Part cloudy.	.43	84	74
24	29.77	29.69	.....	92	74	83	70	74	S.	30	Part cloudy.	.....	78	64
25	29.88	29.85	.....	85	69	77	62	67	S. & W.	27	Cloudy.	.10	72	88
26	29.98	29.97	.....	81	68	74	66	74	S.	18	Cloudy.	.68	90	87
27	30.06	30.02	.....	86	70	78	69	74	S. E.	11	Cloudy.	1.30	95	77
28	30.04	29.98	.....	89	74	82	70	70	N. E.	12	Part cloudy.	.....	86	63
29	30.04	29.92	.....	89	72	80	67	74	N. E.	12	Clear.	.....	82	73
30	30.07	30.00	....	91	71	81	66	71	E.	15	Clear.	.....	78	60
31	30.11	30.04	.....	91	73	82	68	70	S. E.	21	Clear.	.....	78	68
Ave.	30.04	29.97		92	75	84	70	75	S.	.....	Total,	2.55	80	70

TABLE NO. 34.

DATE	*BAROMETER.			TEMPERATURE.			A. M. Dew Point	P. M. Dew Point	WIND.		AVERAGE WEATHER.	RAIN.	Per Ct. Rel'tive Hum'ty	
Sept. 1900.	6:59 A. M.	6:59 P. M.	Daily Mean	‡Max.	‡Min.	Daily Mean.			Prevailing Dir.	‡ Extreme 5 Min. Vel. Mi.		Inch	A.M.	P.M.
1	30.11	30.05	.....	88	73	80	72	70	S.	30	Part cloudy.	.09	93	75
2	30.09	30.00	.....	88	72	80	71	88	S.	22	Part cloudy.	.13	88	70
3	30.14	30.13	.....	82	68	75	66	73	N.	15	Clear.	.06	90	83
4	30.20	30.12	.....	90	72	81	69	72	E.	9	Clear.	.....	84	83
5	30.15	30.04	.....	92	74	83	71	78	S.	14	Clear.	.....	87	74
6	30.09	29.99	.....	95	75	85	67	74	W.	33	Clear.	.17	74	67
7	30.09	29.99	.....	85	68	76	65	74	N. E.	15	Clear.	.....	90	75
8	30.06	30.01	.....	90	70	80	67	76	N. E.	9	Clear.	.....	86	73
9	30.09	30.01	.....	95	75	85	70	78	S. E.	16	Clear.	.....	81	74
10	30.08	29.93	.....	93	76	84	67	66	S.	19	Clear.	.....	74	50
11	29.82	29.87	.....	91	75	83	68	63	S.	57	Part cloudy.	.....	68	49
12	30.04	29.94	.....	80	68	74	59	65	N.	12	Part cloudy.	T.	75	74
13	30.01	29.94	.....	83	63	73	55	59	N.	11	Part cloudy.	.....	72	53
14	29.97	29.82	.....	88	63	76	52	61	N. E.	12	Part cloudy.	.....	61	46
15	29.84	29.86	.....	92	71	82	67	62	S.	19	Clear.	T.	86	45
16	30.11	30.15	.....	73	55	64	49	47	N. W.	26	Clear.	.....	76	63
17	30.28	30.18	.....	67	49	58	37	41	N.	18	Clear.	.....	61	43
18	30.26	30.08	.....	66	51	58	38	50	E.	20	Cloudy.	T.	58	64
19	30.03	29.91	.....	71	59	65	56	66	S.	24	Cloudy.	.62	84	87
20	29.97	29.95	.....	83	62	72	62	68	S. W.	14	Clear.	.....	100	71
21	30.07	30.07	.....	75	62	68	52	60	N.	12	Part cloudy.	.....	67	66
22	30.16	30.02	.....	74	60	67	51	62	E.	12	Cloudy.	T	73	83
23	30.02	29.97	.....	80	64	72	64	66	S.	12	Cloudy.	.....	90	82
24	29.97	29.92	.....	88	70	79	68	71	S.	20	Cloudy.	T.	88	69
25	30.05	30.03	.....	92	75	84	69	73	S.	26	Clear.	.....	78	73
26	30.18	30.17	.....	89	67	78	69	71	S.	30	Cloudy.	.52	82	88
27	30.25	30.23	.....	67	57	62	59	58	N.	19	Cloudy.	.14	89	89
28	30.21	30.06	.....	76	59	68	58	70	S.	12	Cloudy.	.84	89	98
29	30.11	30.11	.....	70	59	64	57	57	N. W.	19	Part cloudy.	.11	89	71
30	30.15	30.08	.....	74	52	66	53	54	E.	7	Clear.	.....	83	59
Avs.	30.08	30.02		83	66	74	61	65	.....	.....	Total,	2.68	80	69

* Barometer corrected for temperature, elevation above mean sea-level, and instrumental error. T.—Rainfall inappreciable. ‡ Self-registering instruments.

TABLE NO. 35.

DATE	*BAROMETER.			TEMPERATURE.			A. M. Dew Point.	P. M. Dew Point.	WIND.		AVERAGE WEATHER.	RAIN.	Per Ct. Rel'tive Hum'ty	
Oct. 1900.	6:59 A. M.	6:59 P. M.	Daily Mean	‡Max.	‡Min.	Daily Mean.			Prevailing Dir.	‡Extreme 5 Min. Vel. Mi.		Inch.	A. M.	P. M.
1	30.14	30.06	.....	80	59	70	52	56	S. E.	18	Clear.	....	76	54
2	30.12	30.11	.....	85	62	74	55	65	S.	10	Part cloudy.	.....	74	63
3	30.20	30.10	.....	88	67	78	61	62	S.	10	Part cloudy.	.....	81	52
4	30.10	29.98	.....	88	68	78	63	62	S.	15	Clear.	.....	85	52
5	30.03	29.92	.....	87	70	78	66	67	S.	12	Clear.	.....	84	64
6	29.89	29.78	.....	82	70	76	67	69	S.	20	Part cloudy.	T.	91	84
7	30.06	30.25	.....	73	52	62	53	43	N. W.	23	Cloudy.	.56	85	66
8	30.39	30.36	.....	58	45	52	37	41	N.	12	Part cloudy.	.....	75	60
9	30.39	30.30	.....	64	46	55	42	41	N.	12	Clear.	.....	84	49
10	30.30	30.17	.....	65	48	56	42	42	N. E.	12	Part cloudy.	.....	79	50
11	30.08	30.00	.....	68	50	58	42	46	N. E.	13	Cloudy.	.....	75	57
12	30.00	29.96	.....	72	54	63	48	48	N.	12	Part cloudy.	.....	74	53
13	30.03	29.99	.....	73	53	63	48	50	N.	10	Clear.	.....	81	51
14	30.08	30.08	.....	76	55	66	50	54	N.	9	Clear.	.....	82	52
15	30.17	30.12	.....	79	56	68	51	49	N. W.	10	Clear.	.....	82	42
16	30.14	30.31	.....	65	48	56	54	43	N.	21	Part cloudy.	.....	80	65
17	30.42	30.28	.....	62	41	52	38	37	N. E.	15	Clear.	.....	84	44
18	30.27	30.15	.....	69	45	57	40	44	N.	10	Clear.	.....	82	46
19	30.15	30.01	.....	75	50	62	46	42	S.	9	Clear.	.....	85	38
20	29.96	29.82	.....	76	51	64	43	51	S.	19	Clear.	.....	75	55
21	29.75	29.68	.....	69	65	67	55	62	S. E.	30	Cloudy.	.18	70	94
22	29.62	29.74	.....	71	60	66	56	50	S.	30	Part cloudy.	.44	86	57
23	29.90	30.12	.....	74	56	65	47	54	W.	28	Clear.	.01	71	54
24	30.32	30.24	.....	78	56	67	53	54	E.	12	Clear.	.....	86	53
25	30.23	30.14	.....	80	60	70	55	60	S.	12	Clear.	.....	83	63
26	30.22	30.21	.....	80	64	72	60	65	S. W.	12	Clear.	.....	85	83
27	30.19	30.09	.....	75	61	68	60	62	S.	8	Part cloudy.	.....	95	77
28	30.03	29.89	.....	80	63	72	61	61	S.	15	Cloudy.	T.	95	69
29	29.86	29.80	.....	73	66	70	63	64	S.	25	Cloudy.	.71	85	79
30	29.91	29.96	.....	81	63	72	61	64	S.	12	Clear.	.....	90	73
31	29.82	29.79	.....	75	57	66	61	58	S.	40	Cloudy.	.17	90	82
Avs.	30.09	30.04		74.8	56.8	52.6	52.6	53.7	S.	....	Total	2.07	82.3	60.7

TABLE NO. 36.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU DURING NOVEMBER, 1900.

Furnished for the use of the Health Department, by Local Forecast Official, Weather Bureau, St. Louis.

DATE	*BAROMETER.			TEMPERATURE.			A. M.	P. M.	WIND.		AVERAGE	RAIN.	Per Ct. Rel'tive Hum'ty	
Nov. 1900.	6:59 A. M.	6:59 P. M.	Daily Mean	†Max.	†Min.	Daily Mean.	Dew Point.	Dew Point.	Prevailing Dir.	†Extreme 5 Min. Vel. Mi.	WEATHER.	Inch.	A. M.	P. M.
1	30 10	30 20	.....	62	46	54	41	37	W.	46	Clear.	.01	82	45
2	30.32	30 35	....	65	48	56	31	41	S.	10	Part cloudy.	.....	55	52
3	30 38	30 21	.....	66	46	56	42	41	S.	12	Clear.	....	79	52
4	30.10	29.98	.....	80	56	65	40	51	S.	20	Clear.	.....	67	54
5	30 21	30.19	.....	62	48	55	35	37	N.	18	Clear.	....	60	45
6	30 12	29.89	.....	68	46	57	38	43	S.	19	Part cloudy.	.....	75	46
7	30 06	30.02	.....	57	40	48	34	36	N. W.	15	Clear.	.....	79	54
8	30.23	30.37	.....	46	32	39	20	17	N. W.	30	Clear.	.....	58	48
9	30 44	30 33	.....	43	29	36	20	19	N. W.	12	Clear.	.....	62	29
10	30 17	30.12	.....	54	40	47	21	29	S.	29	Part cloudy.	T.	40	54
11	30.25	30.33	.....	43	35	39	34	28	N. W.	22	Cloudy.	.02	87	67
12	30 20	30.94	.....	56	29	42	24	27	S. W.	29	Clear.	.....	77	36
13	29.74	30.15	.....	53	27	40	32	19	N. W.	31	Clear.	.....	56	55
14	30.26	30 10	....	41	25	33	14	22	S.	15	Part cloudy.	.....	60	50
15	30 27	30.52	....	35	27	31	29	17	N.	29	Clear.	.....	81	51
16	30.54	30 28	.....	44	25	34	17	32	E.	16	Cloudy.	.01	61	68
17	30.08	29.98	.....	71	44	58	47	50	S.	21	Part cloudy.	.26	71	60
18	29.93	29 88	.....	64	58	61	51	57	S.	21	Cloudy.	.09	75	84
19	29 83	29 86	.....	71	58	64	59	60	S.	20	Part cloudy.	1.66	99	82
20	29.85	29.68	....	72	62	67	60	61	S.	21	Part cloudy.	T.	92	85
21	30.05	30.04	.....	63	38	50	30	39	W.	36	Cloudy.	.15	72	74
22	29 73	29.91	.....	77	44	60	52	51	S.	28	Part cloudy.	.....	83	72
23	30.22	30.12	.....	44	36	40	21	37	N. E.	21	Cloudy.	.54	82	92
24	29.94	29 99	.....	42	37	40	41	37	N.	26	Cloudy.	.36	98	92
25	30 13	30.17	.....	41	35	38	30	31	N.	29	Cloudy.	T.	82	78
26	30 20	30.14	.....	47	30	38	25	31	W.	16	Clear.	.....	78	59
27	30.12	30.06	.....	54	35	44	27	37	S.	15	Part cloudy.	....	66	55
28	30 12	30.23	.....	46	32	39	39	29	N. W.	16	Cloudy.	.....	86	81
29	30.31	30.29	....	48	31	40	28	37	W.	10	Part cloudy.	.....	85	79
30	30.24	30.10	.....	57	36	46	54	40	S. W.	26	Clear.	.....	89	59
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Avs.	30.14	30 12	.....	56.0	39.0	47.0	34.0	36 0	S.	.....	Total,	....	75.0	62.0

TABLE NO. 37.

DATE	*BAROMETER.			TEMPERATURE.			A. M.	P. M.	WIND.		AVERAGE	RAIN.	Per Ct. Rel'tive Hum'ty	
Dec. 1900.	6:59 A. M.	6:59 P. M.	Daily Mean	†Max.	†Min.	Daily Mean.	Dew Point.	Dew Point.	Prevailing Dir.	†Extreme 5 Min. Vel. Mi.	WEATHER.	Inch.	A. M.	P. M.
1	30.12	30.12	.....	50	38	44	34	42	N.	11	Clear.	.....	87	79
2	30 12	30.08	.....	63	39	51	32	49	N.	12	Clear.	.....	75	79
3	30.12	30.08	.....	48	33	40	35	39	N.	18	Cloudy.	.....	91	92
4	30.02	30.08	.....	40	37	38	33	35	W.	23	Cloudy.	T.	83	89
5	30.18	30-28	.....	48	36	42	31	37	W.	20	Clear.	.....	82	70
6	30.18	29.95	.....	54	35	44	30	47	S.	16	Part cloudy.	.01	74	90
7	30.01	30.26	.....	46	34	40	36	35	N. W.	26	Cloudy.	.03	96	91
8	30.32	30.13	.....	45	30	38	27	35	S.	18	Clear.	.....	87	72
9	30.38	30 49	.....	42	24	33	22	22	N.	26	Clear.	.....	67	78
10	30 51	30.33	.....	35	21	28	14	24	S.	9	Clear.	.....	71	68
11	30.35	30 35	.....	35	25	30	19	25	N.	12	Clear.	.....	74	75
12	30 18	29.98	.....	48	26	37	25	35	S.	20	Part cloudy.	.....	82	69
13	30.09	30 15	.....	42	33	38	31	32	N.	12	Clear.	.....	82	82
14	30.26	20.36	.....	35	29	32	25	24	N. E. E.	12	Cloudy.	.....	77	74
15	30 40	30 43	.....	40	29	34	26	29	E.	10	Cloudy.	.....	85	75
16	30.40	30.19	.....	48	35	42	29	38	S. E.	16	Part cloudy	.....	75	69
17	30.14	30.07	.....	60	41	50	40	47	S.	19	Clear.	.....	90	72
18	30 08	30 18	.....	54	45	50	41	46	N. W.	17	Clear.	.....	79	85
19	30 21	30.22	.....	48	37	42	34	34	N.	14	Cloudy.	.....	80	71
20	30 21	30 09	.....	46	33	40	26	32	N.	10	Clear.	.....	71	61
21	29.89	29.64	.....	56	34	45	24	31	S.	20	Part cloudy.	.....	62	52
22	29.48	29.35	.....	56	43	50	35	45	S.	37	Cloudy.	.13	70	75
23	29.63	29.93	.....	49	36	42	32	32	S. W.	46	Cloudy.	T.	82	82
24	29 99	30.02	.....	36	28	32	27	30	W.	22	Cloudy.	05	78	95
25	30 14	30.09	.....	36	22	29	18	25	W.	22	Cloudy.	T.	79	65
26	30 18	30.19	.....	38	27	32	24	29	N.	12	Part cloudy.	T.	88	73
27	30.07	29.99	.....	40	32	36	30	37	S. E	20	Cloudy.	.05	82	95
28	30 33	30.39	.....	37	26	32	26	25	N. W.	21	Part cloudy.	.01	87	83
29	30.28	29 96	.....	37	21	29	17	26	S.	11	Clear.	.....	80	71
30	29.80	29.72	.....	36	30	33	28	32	S.	14	Part cloudy.	.12	89	86
31	30.02	30.42	.....	36	15	26	16	10	N. W.	24	Part cloudy.	T.	78	73
Avs.	30.13	30 11	.....	44.6	31.4	38 0	27.9	33 2	.....	.....	Total,	0 40	80 0	77 1

TABLE NO. 88.

SHOWING NUMBER OF VACCINE POINTS PURCHASED.

Month.	A. S. Aloe.	H. K. Mulford.
April, 1900	3,000	.....
May	1,100	.....
June	1,220	.....
July	340	.....
August	900	.....
September	3,090	.....
October	2,130	500
November	1,500	1,000
December	1,500	2,000
January, 1901	3,580	1,500
February	2,200	2,500
March	2,900	3,500
Total	23,460	11,000
Grand Total		34,460

TABLE NO. 89.

SHOWING THE NUMBER OF DEATH AND BIRTH CERTIFICATES.

Month.	Deaths.	Births.	Total.
April, 1900	89	6	95
May	74	3	77
June	79	12	91
July	66	5	71
August	72	7	79
September	65	6	71
October	73	7	80
November	60	1	61
December	83	2	85
January, 1901	103	1	104
February	77	7	84
March	89	2	91
Total	930	59	989

Total receipts, at $1.00 for each certificate.

TABLE NO. 40.

REDUCTION OF GARBAGE—MONTH OF APRIL, 1900.

DATE.	Garbage.	No. of Loads.	DEAD ANIMALS. Amount.	Kind of and Number. Horses.	Mules.	Cattle.	Hogs.	Dogs.	Cats.	Total.	Slaughter House Refuse.	No. of Loads.	Works No. 1.	Works No. 2.	Total.	Excess.	UNOFFICIAL. Garbage.	Dead Animals.	Slaughter House Refuse.
April 1	176,675	59	3,200	5	....	1	....	3	....	9	35,435	1	3,200	212,110	215,310	15,310	.....	....	.....
" 2	299,775	98	6,100	3	..	...	...	...	....	3	58,325	2	6,100	358,100	364,200	164,200	.....	....	.....
" 3	306,185	99	11,300	10	....	....	..	39	....	49	63,535	5	11,300	369,720	381,020	181,020	.....	....	.....
" 4	297,125	93	16,100	14	....	1	...	2	....	17	59,030	5	16,100	356,155	372,255	172,255	.....	....	.....
" 5	298,545	96	10,100	8	1	1	..	3	...	13	61,695	4	10,100	360,240	370,340	170,340	.....	....	.....
" 6	312,340	96	9,500	8	1	.....	...	4	..	13	50,170	4	9,500	362,510	372,010	172,010	.....	....	.....
" 7	301,345	96	11,800	9	....	1	..	89	....	99	67,330	4	11,800	368,675	380,475	180,475	.....	....	.....
" 8	182,985	56	5,200	5	...	.....	..	3	...	8	24,170	2	5,200	207,155	212,355	12,355	.....	....	.....
" 9	303,195	97	7,100	5	...	2	1	10	...	18	62,640	3	7,100	365,835	372,935	172,935	.....	....	.....
" 10	307,025	100	7,500	5	2	.....	...	4	....	11	63,435	3	7,500	370,460	377,960	177,960	.....	....	.....
" 11	300,345	97	14,400	11	2	.....	...	1	..	14	62,580	4	14,400	362,925	377,325	177,325	.....	....	.....
" 12	300,145	95	7,600	6	2	.....	....	2	....	10	57,140	2	7,600	357,285	364,885	164,885	.....	....	.....
" 13	310,770	98	9,000	7	...	3	....	2	....	12	67,985	3	9,000	378,755	387,755	187,755	.....	....	.....
" 14	303,505	97	9,600	8	...	1	..	4	....	13	64,325	3	9,600	367,830	377,430	177,430	.....	....	.....
" 15	179,860	57	5,400	5	.....	.....	...	1	...	6	30,350	2	5,400	210,210	215,610	15,610	.....	....	.....
" 16	304,990	97	6,800	4	1	2	...	2	..	9	62,285	2	6,800	367,275	374,075	174,075	....	....	.....
" 17	307,060	98	12,600	9	1	.....	....	141	....	151	63,170	4	12,600	370,230	382,830	182,830	.....	....	.....
" 18	313,490	100	11,200	8	1	2	....	...	....	11	61,790	4	11,200	375,280	386,480	186,480	.....	....	.....
" 19	302,635	95	12,900	11	1	2	....	1	....	15	63,935	4	12,900	366,570	379,470	179,470	.....	....	.....
" 20	309,975	97	11,800	9	2	.....	...	2	....	13	63,460	4	11,800	373,455	385,255	185,255	.....	....	.....
" 21	295,190	96	15,100	11	1	2	....	99	....	113	63,730	4	15,100	358,920	374,020	174,020	.....	....	.....
" 22	178,200	56	4,500	4	.....	.....	....	1	....	5	30,145	2	4,500	208,345	212,845	12,845	.....	....	.....
" 23	315,465	96	7,000	6	.....	.....	....	...	....	6	61,545	2	7,000	377,010	384,010	184,010	.....	....	.....
" 24	305,595	94	7,000	5	...	.....	....	92	....	97	64,645	4	7,000	370,240	377,240	177,240	.....	....	.....
" 25	308,685	95	9,900	8	1	3	..	8	....	20	65,180	2	9,900	378,865	388,765	188,765	.....	....	.....
" 26	306,495	95	5,600	4	...	1	....	5	....	10	58,595	3	5,600	367,090	372,690	172,690	.....	....	.....
" 27	309,830	94	11,700	11	....	.....	....	6	...	17	58,900	4	11,700	368,780	380,480	180,480	.....	....	.....
" 28	312,925	98	12,200	10	..	1	...	76	...	87	63,985	4	12,200	376,910	389,110	189,110	.....	....	.....
" 29	187,355	59	5,100	4	....	1	....	...	....	5	37,575	2	5,100	224,930	230,030	30,030	....	....	.....
" 30	314,170	96	9,300	8	1	2	1	3	....	15	63,785	3	9,300	377,955	387,255	187,255	.....	....	.....
Total..	8,553,880	2700	276,600	221	17	26	2	603	....	869	1,710,990	96	276,600	10,264,770	10,541,370	4,541,370	.....	.....	....

TABLE NO. 41.

REDUCTION OF GARBAGE—MONTH OF MAY, 1900.

DATE.		Garbage.	No. of Loads.	DEAD ANIMALS.								Slaughter House Refuse.	No. of Loads.	Works No. 1.	Works No. 2.	Total.	Excess.	UNOFFICIAL.		
				Amount.	Kind of and Number.													Garbage.	Dead Animals.	Slaughter House Refuse.
					Horses.	Mules.	Cattle.	Hogs.	Dogs.	Cats.	Total.									
May	1	322,505	98	11,600	7	1	2	1	61		72	63,135	6	11,600	385,640	397,240	197,240	.....	.....	.....
"	2	318,845	98	8,300	5	..	4	..	3	..	12	64,290	3	8,300	383,135	392,435	191,435	.....	.....	.....
"	3	326,350	98	4,900	2	..	3	....	....	..	5	58,555	2	4,900	384,905	389,805	189,805	.....	.....	.....
"	4	324,315	100	5,900	4	..	2	....	1	..	7	63,725	2	5,900	388,040	393,940	193,940	.....	.....	.....
"	5	323,100	100	10,600	7	1	..	....	114	....	122	67,145	4	10,600	390,245	400,845	200,845	.....	.....	.....
"	6	189,460	55	4,200	3	1	....	....	1	....	5	26,105	2	4,200	215,655	219,855	19,855	.....	.....	.....
"	7	320,920	100	11,000	4	1	7	....	3	....	15	68,275	4	11,000	389,195	400,195	200,195	.....	.....	.....
"	8	323,050	96	8,200	7	1	....	....	....	....	8	64,420	4	8,200	387,470	395,670	195,670	.....	.....	.....
"	9	318,090	97	5,200	2	2	1	....	3	..	8	65,540	3	5,200	383,630	388,830	188,830	.....	.....	.....
"	10	322,055	97	10,500	9	....	1	....	..	....	10	63,880	5	10,500	385,935	396,435	196,435	.....	.....	.....
"	11	320,485	100	6,300	6	....	..	....	5	....	11	69,775	3	6,300	390,260	396,560	196,560	.....	.....	.....
"	12	321,920	98	10,300	6	2	..	....	112	....	120	65,240	5	10,300	387,160	397,460	197,460	.....	.....	.....
"	13	186,980	59	6,100	4	....	2	....	1	..	7	31,260	2	6,100	218,240	224,340	24,340	.....	.....	.....
"	14	324,020	100	13,600	11	....	3	....	....	..	14	63,715	4	13,600	387,735	401,335	201,335	.....	.....	.....
"	15	324,985	100	19,600	14	3	1	....	89	....	107	65,725	5	19,600	390,710	410,310	210,310	.....	.....	.....
"	16	306,570	96	11,100	9	....	3	....	2	....	14	69,095	4	11,100	375,665	386,765	186,765	.....	.....	.....
"	17	314,835	95	7,200	6	....	1	....	....	..	7	64,600	3	7,200	379,435	386,635	186,635	.....	.....	.....
"	18	322,770	98	10,700	10	....	....	....	4	..	14	64,975	5	10,700	387,745	398,445	198,445	.....	.....	.....
"	19	338,900	102	8,100	4	2	..	....	91	..	97	68,685	3	8,100	407,585	415,685	215,685	.....	.....	.....
"	20	189,340	55	3,900	3	....	1	....	....	....	4	28,795	1	3,900	218,135	222,035	22,035	.....	.....	.....
"	21	324,845	100	12,800	8	1	6	....	1	....	16	67,885	4	12,800	392,730	405,530	205,530	.....	.....	.....
"	22	325,130	99	8,700	5	2	2	....	....	..	9	69,335	4	8,700	394,465	403,165	203,165	.....	.....	.....
"	23	331,765	100	13,100	11	..	1	....	72	..	84	65,585	6	13,100	397,350	410,450	210,450	.....	.....	.....
"	24	345,670	100	8,200	4	2	2	....	....	....	8	63,945	4	8,200	411,615	419,815	219,815	.....	.....	.....
"	25	339,650	101	6,600	5	1	1	....	3	....	10	70,865	3	6,600	410,515	417,115	217,115	.....	.....	.....
"	26	338,135	100	12,100	8	....	2	....	116	....	126	65,740	4	12,100	403,875	415,975	215,975	.....	.....	.....
"	27	190,475	57	7,300	7	....	..	....	....	....	7	31,380	2	7,300	221,855	229,155	29,155	.....	.....	.....
"	28	343,865	105	15,200	13	..	2	....	2	....	17	69,630	5	15,200	413,495	428,695	228,695	.....	.....	.....
"	29	355,305	106	19,000	16	....	1	....	101	....	118	65,040	5	19,000	420,345	439,345	239,345	.....	.....	.....
"	30	362,070	106	11,500	7	4	....	....	3	....	14	64,290	4	11,500	426,360	437,860	237,860	.....	.....	.....
"	31	365,730	107	11,600	8	1	2	....	1	....	12	70,735	5	11,600	436,465	448,065	248,065	.....	.....	.....
Total.		9,662,135	2920	303,400	215	25	50	1	789	....	1080	1,908,455	116	303,400	11,565,590	11,868,990	5,668,990	.....	.....	.....

TABLE NO. 42.

REDUCTION OF GARBAGE—MONTH OF JUNE, 1900.

DATE.	Garbage.	No. of Loads.	DEAD ANIMALS. Amount.	Kind of and Number. Horses.	Mules.	Cattle.	Hogs.	Dogs.	Cats.	Total.	Slaughter House Refuse.	No. of Loads.	Works No. 1.	Works No. 2.	Total.	Excess	UNOFFICIAL. Garbage.	Dead Animals.	Slaughter House Refuse.
June 1	372,040	111	12,100	11	....	....	....	2	....	13	69,760	3	12,100	441,740	453,840	253,840	.....	.....	.....
" 2	358,480	107	9,900	7	....	2	....	90	..	99	62 990	6	9,900	421,470	431,370	231,370	.....	.....	.....
" 3	198,865	56	5,400	5	....	....	....	1	....	6	25,585	2	5,400	222,450	227,850	27,850	.....	.....	.....
" 4	376,915	113	10,300	8	1	1	....	1	..	11	63,640	3	10,300	440,555	450,855	250,855	.....	.....	.....
" 5	373,825	111	9,600	5	1	2	..	79	....	87	69,985	3	9,600	443,810	453,410	253,410	.....	.....	.....
" 6	375,560	113	8,100	8	..	3	..	..	....	11	67,485	3	8,100	443,045	451,145	251,145	.....	.....	.....
" 7	382,685	113	7,000	6	..	2	....	..	....	8	65,190	3	7,000	447,875	454,875	254,875	.....	.....	.....
" 8	375,830	111	9,900	7	....	3	....	40	....	50	66,280	4	9,900	444,060	453,960	253,960	.....	.....	.....
" 9	370,180	113	7,600	6	....	....	....	72	..	78	66,575	3	7,600	445,755	453,355	253,355	.....	.....	.....
" 10	205,295	60	7,900	6	1	1	....	3	....	11	26,745	2	7,900	232,040	239,940	39,940	.....	.....	.....
" 11	397,035	117	12,000	11	..	1	....	2	....	14	66,190	3	12,000	463,225	475,225	275,225	.....	.....	.....
" 12	403,275	117	8,400	6	....	3	....	80	....	89	69,285	3	8,400	472,560	480,960	280,060	.....	.....	.....
" 13	395,220	118	7,600	5	....	3	....	1	....	9	69,665	3	7,600	464,885	472,485	272,485	.....	.....	.....
" 14	387,150	114	9,900	9	....	2	....	3	....	14	67,725	3	9,900	454,875	464,775	264,775	.....	.....	.....
" 15	401,090	118	13,500	8	1	3	....	82	....	94	68,890	4	13,500	464,980	478,480	278,480	.....	.....	.....
" 16	390,665	116	9,200	6	1	..	....	87	..	94	67,385	6	9,200	458,050	467,250	267,250	.....	.....	.....
" 17	198,925	59	6,200	6	....	....	....	....	....	6	28,805	2	6,200	227,730	233,930	33,930	.....	.....	.....
" 18	406,710	120	12,600	10	1	1	..	4	....	16	69,175	5	12,600	475,885	488,485	288,485	.....	.....	.....
" 19	390,655	117	18,100	13	..	3	....	100	....	116	70,570	6	18,100	461,225	479,325	279,325	.....	.....	.....
" 20	409,500	119	5,100	3	1	2	....	2	..	8	62 445	3	5,100	471,945	477,045	277,045	.....	.....	.....
" 21	388,510	115	8,400	7	1	1	....	6	....	15	66,380	3	8,400	456,890	465,290	265,290	.....	.....	.....
" 22	387,120	115	9,200	9	....	....	....	1	....	10	64,995	3	9,200	452,115	461,315	261,315	.....	.....	.....
" 23	402,015	118	7,200	5	....	....	....	100	....	105	69,185	4	7,200	471,200	478,400	278,400	.....	.....	.....
" 24	210,195	60	6,800	6	....	....	....	1	....	7	25,815	3	6,800	236,010	242,810	42,810	.....	.....	.....
" 25	413,065	122	6,200	5	....	1	....	1	....	7	68,035	3	6,200	481,100	487,300	287,300	.....	.....	.....
" 26	390,000	115	14,900	12	....	1	....	92	....	105	66.055	4	14,900	456,055	470,955	270,955	.....	.....	.....
" 27	404,680	120	14,800	13	2	1	....	2	....	18	71,620	5	14,800	466,300	481,100	281,100	.....	.....	.....
" 28	410,665	121	18,800	14	3	....	....	2	....	19	69,285	5	18,800	479,950	498,750	298,750	.....	.....	.....
" 29	415,840	120	19,600	16	1	....	....	111	....	128	64,985	5	19,600	480,825	500,425	300,425	.....	.....	.....
" 30	418,100	122	17,800	14	1	....	....	98	....	113	66,235	5	17,800	484,335	502,135	302,135	.....	.....	.....
Total,	1,008,090	3251	314,100	247	15	36	...	1063	....	1361	1,854,850	110	314,100	12,863,940	13,177,040	11,770,040	.....	.....	.....

TABLE NO. 48.

REDUCTION OF GARBAGE—MONTH OF JULY, 1900.

DATE.		Garbage	No. of Loads.	DEAD ANIMALS.								Slaughter House Refuse.	No. of Loads.	Works No. 1.	Works No. 2.	Total.	Excess.	UNOFFICIAL.		
				Amount.	Kind of and Number.													Garbage.	Dead Animals.	Slaughter House Refuse.
					Horses.	Mules.	Cattle.	Hogs.	Dogs.	Cats.	Total.									
July	1	223,045	63	4,100	3	1	..	....	1	...	5	31,855	1	4,100	254,900	259,000	59,000	.....	.....	.....
"	2	430,915	124	17,800	16	...	2	....	...	...	18	64,635	5	17,800	495,550	513,350	313,350	.....	.....	.....
"	3	432,115	124	17,700	14	1	....	....	121	....	136	65,495	5	17,700	497,610	515,310	315,310	.....	.....	.....
"	4	238,250	67	18,900	16	2	...	....	...	....	18	30,610	5	18,900	287,760	306,660	106,660	.....	.....	.....
"	5	432,850	125	21,500	17	2	1	...	92	....	112	65,485	6	21,500	498,335	519,835	319,835	.....	.....	.....
"	6	435,670	125	19,200	18	1	1	...	2	...	22	63,085	4	19,200	498,755	517,955	317,955	.....	.....	.....
"	7	444,735	128	21,000	16	4	....	....	101	....	121	66,095	5	21,000	510,830	531,830	331,830	.....	.....	.....
"	8	236,345	62	14,200	13	1	...	..	1	...	15	.....	3	14,200	236,345	250,545	50,545	.....	.....	.....
"	9	439,810	128	17,600	15	..	3	...	4	...	22	66,735	4	17,600	506,545	524,145	324,145	.....	.....	.....
"	10	444,960	127	24,500	19	2	2	..	83	....	106	65,275	7	24,500	510,235	534,735	334,735	.....	.....	.....
"	11	445,460	126	17,500	16	....	1	.	...	....	17	63,945	5	17,500	509,405	526,905	326,905	.....	.....	.....
"	12	442,470	127	13,400	10	...	3	3	93	....	109	60,485	6	13,400	502,955	516,355	316,355	.....	.....	.....
"	13	449,265	127	18,700	13	3	6	..	5	...	27	63,350	3	18,700	512,615	531,315	331,315	.....	.....	.....
"	14	459,390	130	18,800	15	...	2	..	110	...	127	71,170	4	18,800	510,560	529,360	329,360	.....	.....	.....
"	15	253,055	64	15,300	10	3	4	.	8	....	25	.....	3	15,300	253,055	268,355	68,355	.....	.....	.....
"	16	449,960	129	16,700	13	2	3	..	6	..	24	64,765	4	16,700	514,725	531,425	331,425	.....	.....	.....
"	17	453,045	130	14,800	10	1	3	....	110	....	124	64,335	5	14,800	517,380	532,180	332,180	.....	.....	.....
"	18	454,995	128	18,300	14	4	1	....	.	....	19	62,495	4	18,300	517,490	535,790	335,790	.....	.....	.....
"	19	448,750	129	17,100	14	....	1	....	86	..	101	65,115	9	17,100	513,865	530,965	330,965	.....	.....	.....
"	20	453,465	127	15,100	15	..	..	....	7	..	22	62,280	4	15,100	515,745	530,845	330,845	.....	.....	.....
"	21	465,060	128	17,600	14	...	3	....	92	....	109	70,315	5	17,600	506,475	524,075	324,075	.....	.....	.....
"	22	259,050	65	7,100	7	....	...	..	8	....	15	.....	3	7,100	259,050	266,150	66,150	.....	.....	.....
"	23	483,285	131	15,100	13	1	3	....	...	...	17	64,550	3	15,100	547,835	562,935	362,935	.....	.....	.....
"	24	487,570	132	15,200	10	1	2	....	140	....	153	59,815	4	15,200	547,385	562,585	362,585	.....	.....	.....
"	25	477,255	130	17,600	16	...	1	....	6	....	23	68,050	3	17,600	540,305	557,905	357,905	.....	.....	.....
"	26	495,175	132	22,000	20	1	1	....	51	...	73	60,165	6	22,000	555,340	577,340	377,340	.....	.....	.....
"	27	462,820	127	20,600	17	3	2	....	...	....	22	62,110	5	20,600	524,930	545,530	345,530	.....	.....	.....
"	28	475,855	131	19,400	15	...	3	...	135	....	153	62,700	5	19,400	548,555	567,955	367,955	.....	.....	.....
"	29	278,595	67	15,700	12	1	3	....	2	...	18	.....	4	15,700	278,595	289,295	89,295	.....	.....	.....
"	30	500,520	132	12,000	11	1	1	....	8	....	21	60,105	3	12,000	560,625	572,625	372,625	.....	.....	.....
"	31	482,160	130	14,800	11	1	1	....	139	....	152	63,640	4	14,800	545,800	560,600	360,600	.....	.....	.....
Total,		12,910,895	3598	519,300	423	36	53	3	1411	....	1926	1,663,660	137	519,300	14,574,555	15,093,855	8,893,855	.....	.....	.....

TABLE NO. 44.

REDUCTION OF GARBAGE—MONTH OF AUGUST, 1900.

DATE.	Garbage.	No. of Loads.	DEAD ANIMALS. Amount.	Kind of and Number. Horses.	Mules.	Cattle.	Hogs.	Dogs.	Cats.	Total.	Slaughter House Refuse.	No. of Loads.	Works No. 1.	Works No. 2.	Total.	Excess.	UNOFFICIAL. Garbage.	Dead Animals.	Slaughter House Refuse.
August 1	503,640	131	12,400	10	2	....	....	4	...	16	58,555	5	12,400	562,195	574,595	574,595	.....	.....	.....
" 2	490,750	130	19,400	18	1	2	...	65	...	84	58,870	6	19,400	549,620	569,020	369,020	.....	.....	.....
" 3	491,895	129	14,600	13	1	1	....	....	....	15	59,865	3	14,600	551,760	566,360	366,360	.....	.....	....
" 4	497,270	130	14,500	10	2	1	...	155	...	168	63,790	4	14,500	561,060	575,560	575,560	.....	.....	.....
" 5	248,730	64	8,900	8	1	....	....	....	....	9	.....	2	8,900	248,730	257,630	57,630	.....	....	.....
" 6	481,275	130	12,900	10	2	2	....	2	...	16	67,430	3	12,900	548,705	561,605	361,605	.....	.....	....
" 7	493,555	133	19,400	15	3	....	....	150	...	168	61,970	6	19,400	555,525	574,925	374,925	.....	.....	....
" 8	530,240	141	19,500	19	1	1	..	1	....	22	57,540	5	19,500	583,080	607,580	401,580	.....	.....	.....
" 9	548,190	146	24,100	21	....	3	....	145	....	169	53,875	6	24,100	602,065	626,165	426,165	.....	.....	.....
" 10	544,710	144	14,200	12	1	2	...	....	....	15	62,820	4	14,200	607,530	621,730	421,730	.....	.....	.....
" 11	569,650	147	19,800	16	....	2	....	150	...	168	58,410	6	19,800	628,080	647,880	449,880	.....	.....	.....
" 12	252,735	69	7,900	6	....	3	....	1	....	10	.....	2	1,900	252,735	260,635	60,635	.....	.....	.....
" 13	551,180	148	19,100	18	...	2	....	2	..	22	63,215	5	19,100	614,395	633,495	433,495	.....	.....	.....
" 14	557,315	147	20,700	17	....	3	..	148	....	168	62,580	6	20,700	619,805	640,595	440,595	.....	.....	.....
" 15	565,130	146	16,600	15	....	2	....	9	...	26	57,440	4	16,600	622,570	639,170	439,170	.....	.....	.....
" 16	584,675	148	24,800	21	1	1	....	72	...	95	54,510	7	24,800	639,185	663,985	463,985	.....	.....	.....
" 17	574,350	150	20,000	19	1	1	..	1	....	22	57,925	5	20,000	632,275	652,275	452,275	.....	.....	.....
" 18	579,370	151	23,000	20	1	....	....	140	....	161	65,970	5	23,000	645,340	668,340	468,340	.....	.....	.....
" 19	262,240	66	20,400	18	1	....	....	....	....	19	.....	4	20,400	262,240	282,640	82,640	.....	.....	.....
" 20	591,845	155	13,100	10	3	....	....	1	....	14	64,240	3	13,100	656,085	669,185	469,185	.....	.....	.....
" 21	606,695	157	24,900	22	1	...	..	139	..	162	63,690	7	24,900	670,385	695,285	495,285	.....	.....	.....
" 22	603,730	153	26,100	22	2	1	....	8	...	33	61,260	7	26,100	664,990	691,090	491,090	.....	.....	.....
" 23	607,800	157	22,100	18	2	1	....	60	...	81	61,165	6	22,100	668,965	691,065	491,065	.....	.....	.....
" 24	629,935	161	18,800	14	4	1	....	11	...	30	61,665	4	18,800	691,600	710,400	510,400	.....	.....	....
" 25	597,490	154	23,500	14	4	5	...	120	....	143	58,020	6	23,500	656,510	679,010	479,010	.....	.....	.....
" 26	259,450	63	19,200	17	1	1	....	....	....	19	.....	5	19,200	259,450	278,650	78,650	.....	.....	.....
" 27	607,300	159	18,700	17	1	1	....	4	...	23	65,245	5	18,700	672,545	691,245	491,245	.....	.....	.....
" 28	617,425	162	16,400	8	5	3	....	128	....	144	59,275	4	16,400	676,700	693,100	493,100	.....	.....	.....
" 29	614,960	161	18,900	15	2	2	...	2	...	21	60,050	5	18,900	675,010	693,910	493,910	.....	.....	.....
" 30	599,850	158	11,500	11	1	1	....	10	....	23	60,870	3	11,500	660,720	672,220	472,220	.....	.....	.....
" 31	598,620	156	14,300	13	2	1	...	....	....	16	65,090	3	14,300	663,710	678,010	478,010	.....	....	.....
Total..	16,262,000	4236	559,700	465	46	43	....	1528	....	2082	1,645,635	146	559,700	17,907,635	18,467,335	12,267,335	....	....	....

TABLE NO. 45.

REDUCTION OF GARBAGE—MONTH OF SEPTEMBER, 1900.

DATE.	Garbage.	DEAD ANIMALS. No. of Loads.	Amount.	Kind of and Number. Horses.	Mules.	Cattle.	Hogs.	Dogs.	Cats.	Total.	Slaughter House Refuse.	No. of Loads.	Works No. 1.	Works No. 2.	Total.	Excess.	UNOFFICIAL. Garbage.	Dead Animals.	Slaughter House Refuse.
Sept. 1	588,945	152	22,000	16	1	3	...	125	...	145	59,055	5	22,000	648,000	670,000	470,000	.....	.....	.....
" 2	280,495	69	7,100	5	1	1	..	.....	....	7	...	2	7,100	280,495	287,595	87,595	.....	.....	.....
" 3	618,795	160	16,600	11	4	2	..	9	..	26	62,320	4	16,600	681,115	697,715	497,715	.....	.....	.....
" 4	614,435	161	18,000	10	4	2	..	144	..	160	61,465	5	18,000	675,900	693,900	493,900	.....	.....	.....
" 5	620,970	162	16,100	12	2	2	...	2	...	18	58,955	5	16,100	679,925	696,025	496,025	.....	.....	.....
" 6	598,850	155	15,400	14	1	...	....	...	...	15	61,950	3	15,400	660,800	676,200	476,200	.....	.....	.....
" 7	598,115	158	18,400	15	2	1	1	4	....	23	58,400	4	18,400	656,515	674,915	474,915	.....	.....	.....
" 8	573,845	156	18,400	13	2	2	..	118	....	135	61,085	6	18,400	634,080	653,330	453,330	.....	.....	.....
" 9	265,025	64	14,500	9	4	2	..	8	..	23	.....	3	14,500	265,025	279,525	79,525	.....	.....	.....
" 10	577,595	156	20,300	15	5	...	...	2	...	22	65,225	5	20,300	642,820	663,120	463,120	.....	.....	.....
" 11	585,955	154	20,200	17	1	...	..	143	....	161	53,330	6	20,300	639,285	659,585	459,585	.....	.....	.....
" 12	567,745	151	12,100	8	4	...	....	...	....	12	57,945	3	12,100	625,690	637,790	437,790	.....	.....	.....
" 13	506,495	158	15,500	11	2	3	....	3	....	19	57,080	5	15,500	653,575	669,075	469,075	.....	.....	.....
" 14	571,860	155	12,600	9	2	1	...	2	...	14	61,875	5	12,600	633,685	646,285	446,285	.....	.....	.....
" 15	566,365	154	15,400	12	1	1	...	121	...	135	66,020	6	15,400	632,385	647,785	447,785	.....	.....	.....
" 16	257,080	65	7,100	6	1	....	....	1	....	8	.....	2	7,100	257,080	264,180	64,180	.....	.....	.....
" 17	561,490	154	6,700	6	1	....	....	1	....	8	60,925	2	6,700	622,415	629,115	429,115	.....	.....	.....
" 18	152,010	51	15,200	11	1	1	....	142	....	155	56,895	4	15,200	208,905	224,105	24,105	.....	.....	.....
" 19	547,810	154	12,200	10	1	3	....	3	....	17	61,190	3	12,200	609,000	621,200	421,200	.....	.....	.....
" 20	532,900	146	9,400	7	2	1	...	....	....	10	63,005	3	9,400	595,905	605,305	405,305	.....	.....	.....
" 21	538,515	151	12,400	12	..	...	...	1	....	13	61,495	4	12,400	600,010	612,410	412,410	.....	.....	.....
" 22	517,425	146	17,600	16	1	1	....	113	....	131	60,890	5	17,600	578,315	595,915	395,915	.....	.....	.....
" 23	215,000	60	4,100	2	2	1	....	..	....	5	29,135	1	4,100	244,135	248,235	48,235	.....	.....	.....
" 24	504,460	141	15,600	13	1	2	....	6	...	22	63,445	5	15,600	567,905	583,505	383,505	.....	.....	.....
" 25	486,310	138	13,900	9	2	...	....	147	...	158	63,410	5	13,900	549,120	563,620	363,620	.....	.....	.....
" 26	496,840	142	9,300	9	...	....	....	1	....	10	61,595	3	9,300	557,435	566,735	366,735	.....	.....	.....
" 27	491,950	138	13,900	12	1	....	....	1	....	14	58,420	3	12,900	550,370	563,270	363,270	.....	.....	.....
" 28	482,865	136	12,600	11	1	1	....	3	....	16	63,400	4	12,600	546,265	558,865	358,865	.....	.....	.....
" 29	484,645	136	15,300	10	3	1	....	116	..	130	59,460	5	15,300	544,105	559,405	359,405	.....	.....	.....
" 30	214,175	63	13,100	13	....	..	....	2	....	15	36,230	4	13,100	250,405	263,505	63,505	.....	.....	.....
Total.	14,707,965	3986	420,100	327	53	31	1	1218	....	1627	1,584,150	120	420,100	16,292,115	16,712,215	10,712,215	.....	.....	.....

TABLE NO. 46.

REDUCTION OF GARBAGE—MONTH OF OCTOBER, 1900.

DATE.		Garbage.	No. of Loads.	DEAD ANIMALS. Amount.	Kind of and Number. Horses.	Mules.	Cattle.	Hogs.	Dogs.	Cats.	Total.	Slaughter House Refuse.	No. of Loads.	Works No. 1.	Works No. 2.	Total.	Excess.	UNOFFICIAL. Garbage.	Dead Animals.	Slaughter House Refuse.
Oct.	1	479,145	135	10,800	10	1	1	.	4	...	16	64,145	4	10,800	543,290	554,090	354,090	.....	.....	.....
"	2	478,360	132	14,400	12	...	1	....	90	...	103	58,970	6	14,400	532,330	546,730	346,730	.....	.....	.....
"	3	471,605	133	18,500	16	1	2	....	..	....	19	59,770	5	18,500	531,375	549,875	349,875	.....	.....	.....
"	4	471,945	133	11,100	10	1	1	..	3	....	15	58,865	3	11,100	530,810	541,910	341,910	.....	.....	.....
"	5	221,175	66	4,100	3	1	....	..	2	....	6	40,535	3	4,100	261,710	265,810	65,810	.....	.....	.....
"	6	465,685	131	11,900	8	2	1	..	122	..	133	58,820	5	11,900	524,505	536,405	336,405	.....	.....	.....
"	7	222,690	63	5,900	5	..	1	....	..	..	6	29,420	2	5,900	252,110	258,010	58,010	.....	.....	.....
"	8	471,646	133	16,800	15	1	2	2	1	..	21	58,936	5	16,800	530,640	547,440	347,440	.....	.....	.....
"	9	466,980	150	12,800	9	1	2	..	98	..	110	60,395	5	12,800	527,275	540,075	340,075	.....	.....	.....
"	10	454,435	124	13,200	11	..	2	....	3	..	16	59,920	4	13,200	514,355	527,555	327,555	.....	.....	.....
"	11	457,455	130	12,800	13	..	....	....	..	..	13	59,565	4	12,800	517,020	529,820	329,820	.....	.....	.....
"	12	461,595	130	9,200	7	2	..	....	....	....	9	59,820	4	9,200	521,415	530,615	330,615	.....	.....	.....
"	13	445,970	129	16,100	12	1	2	1	94	..	110	64,645	5	16,100	510,615	526,715	326,715	.....	.....	.....
"	14	220,385	65	6,200	5	1	..	..	....	..	6	36,445	2	6,200	256,830	263,030	63,030	.....	.....	.....
"	15	442,035	127	7,200	8	1	1	....	8	....	96	61,590	2	7,200	503,425	510,625	310,625	.....	.....	.....
"	16	455,555	127	11,600	7	2	1	..	1	..	11	60,100	4	11,600	515,655	527,255	327,255	.....	.....	.....
"	17	432,645	126	8,700	8	1	....	....	..	....	9	66,010	3	8,700	498,655	507,355	307,355	.....	.....	.....
"	18	437,125	125	9,200	10	2	....	....	3	....	15	60,470	4	9,200	497,595	506,795	306,795	.....	.....	.....
"	19	444,815	127	12,000	9	1	2	....	80	..	92	59,760	4	12,000	504,575	516,575	316,575	.....	.....	.....
"	20	429,310	125	12,900	8	....	....	....	....	..	8	60,665	6	12,900	489,975	502,875	302,875	.....	.....	.....
"	21	225,340	65	7,900	14	..	1	....	2	....	17	30,150	2	7,900	255,490	263,390	63,390	.....	.....	.....
"	22	418,665	121	15,900	8	2	....	....	65	....	75	67,290	4	15,900	485,955	501,855	301,855	.....	.....	.....
"	23	426,060	122	11,500	12	1	1	....	1	....	15	61,195	4	11,500	487,255	498,755	298,755	.....	.....	.....
"	24	422,595	122	15,000	6	....	....	....	....	....	6	59,860	4	15,000	482,455	497,455	297,455	.....	.....	.....
"	25	423,635	124	6,200	6	1	1	....	4	....	12	61,100	3	6,200	484,735	490,935	290,935	.....	.....	.....
"	26	437,900	126	8,300	8	2	4	1	4	....	19	60,120	4	8,300	498,020	506,320	306,320	.....	.....	.....
"	27	419,800	922	13,600	5	1	....	..	....	....	6	61,515	5	13,600	481,315	494,915	294,915	.....	.....	.....
"	28	205,065	65	6,100	8	1	.	....	....	..	9	36,630	2	6,100	241,695	247,795	47,795	.....	.....	.....
"	29	429,375	122	9,400	8	1	....	....	....	....	9	61,695	3	9,400	491,070	500,470	300,470	.....	.....	.....
"	30	436,915	127	6,200	6	..	....	....	5	....	11	60,065	4	6,200	496,980	503,180	303,180	.....	.....	.....
"	31	426,990	123	3,100	3	.	....	....	3	..	6	62,865	3	3,100	489,855	492,955	292,955	.....	.....	.....
Total,		12,697,79	3650	328,100	270	28	26	4	669	....	997	1,761,190	118	328,100	14,458,985	14,787,085	8,587,085	.....	.....	.....

TABLE NO. 45.

REDUCTION OF GARBAGE—MONTH OF SEPTEMBER, 1900.

DATE.	Garbage.	DEAD ANIMALS. No. of Loads.	Amount.	Kind of and Number. Horses.	Mules.	Cattle.	Hogs.	Dogs.	Cats.	Total.	Slaughter House Refuse.	No. of Loads.	Works No. 1.	Works No. 2.	Total.	Excess.	UNOFFICIAL. Garbage.	Dead Animals.	Slaughter House Refuse.
Sept. 1	588,945	152	22,000	16	1	3	...	125	...	145	59,055	5	22,000	648,000	670,000	470,000	.....	.....	.....
" 2	280,495	69	7,100	5	1	1	..	.....	....	7	...	2	7,100	280,495	287,595	87,595	.....	.....	.....
" 3	618,795	160	16,600	11	4	2	..	9	..	26	62,320	4	16,600	681,115	697,715	497,715	.....	.....	.....
" 4	614,435	161	18,000	10	4	2	..	144	..	160	61,465	5	18,000	675,900	693,900	493,900	.....	.....	.....
" 5	620,970	162	16,100	12	2	2	...	2	...	18	58,955	5	16,100	679,925	696,025	496,025	.....	.....	.....
" 6	598,850	155	15,400	14	1	...	....	....	...	15	61,950	3	15,400	660,800	676,200	476,200	.....	.....	.....
" 7	598,115	158	18,400	15	2	1	1	4	....	23	58,400	4	18,400	656,515	674,915	474,915	.....	.....	.....
" 8	573,845	156	18,400	13	2	2	..	118	....	135	61,085	6	18,400	634,030	653,330	453,330	.....	.....	.....
" 9	265,025	64	14,500	9	4	2	..	8	..	23	.....	3	14,500	265,025	279,525	79,525	.....	.....	.....
" 10	577,595	156	20,300	15	5	...	..	2	...	22	65,225	5	20,300	642,820	663,120	463,120	.....	.....	.....
" 11	585,955	154	20,200	17	1	...	..	143	...	161	53,330	6	20,300	639,285	659,585	459,585	.....	.....	.....
" 12	567,745	151	12,100	8	4	...	....	....	....	12	57,945	3	12,100	625,690	637,790	437,790	.....	.....	.....
" 13	506,495	158	15,500	11	2	3	....	3	....	19	57,080	5	15,500	553,575	569,075	469,075	.....	.....	.....
" 14	571,860	155	12,600	9	2	1	...	2	...	14	61,875	5	12,600	633,685	646,285	446,285	.....	.....	.....
" 15	566,385	154	15,400	12	1	1	...	121	..	135	66,020	6	15,400	632,385	647,785	447,785	.....	.....	.....
" 16	257,080	65	7,100	6	1	....	....	1	....	8	.....	2	7,100	257,080	264,180	64,180	.....	.....	.....
" 17	561,490	154	6,700	6	1	..	....	1	....	8	60,925	2	6,700	622,415	629,115	429,115	.....	.....	.....
" 18	152,010	51	15,200	11	1	1	....	142	....	155	56,895	4	15,200	208,905	224,105	24,105	.....	.....	.....
" 19	547,810	154	12,200	10	1	3	....	3	....	17	61,190	3	12,200	609,000	621,200	421,200	.....	.....	.....
" 20	532,900	146	9,400	7	2	1	...	....	....	10	63,005	3	9,400	595,905	605,305	405,305	.....	.....	.....
" 21	538,515	151	12,400	12	..	...	...	1	....	13	61,495	4	12,400	600,010	612,410	412,410	.....	.....	.....
" 22	517,425	146	17,600	16	1	1	....	113	....	131	60,890	5	17,600	578,315	595,915	395,915	.....	.....	.....
" 23	215,000	60	4,100	2	2	1	....	..	....	5	29,135	1	4,100	244,135	248,235	48,235	.....	.....	.....
" 24	504,460	141	15,600	13	1	2	....	6	...	22	63,445	5	15,600	567,905	583,505	383,505	.....	.....	.....
" 25	486,310	138	13,900	9	2	..	....	147	...	158	63,410	5	13,900	549,120	563,620	363,620	.....	.....	.....
" 26	495,840	142	9,300	9	....	....	....	1	....	10	61,595	3	9,300	557,435	566,735	366,735	.....	.....	.....
" 27	491,950	138	13,900	12	1	....	....	1	....	14	58,420	3	12,900	550,310	563,270	363,270	.....	.....	.....
" 28	482,865	136	12,600	11	1	1	....	3	...	16	63,400	4	12,600	546,265	558,865	358,865	.....	.....	.....
" 29	484,645	136	15,300	10	3	1	....	116	..	130	59,460	5	15,300	544,105	559,405	359,405	.....	.....	.....
" 30	214,175	63	13,100	13	....	..	....	2	....	15	36,230	4	13,100	250,405	263,505	63,505	.....	.....	.....
Total	14,707,965	3986	420,100	327	53	81	1	1218	....	1627	1,584,150	120	420,100	16,292,115	16,712,215	10,712,215	.....	.....	.....

TABLE NO. 46.

REDUCTION OF GARBAGE—MONTH OF OCTOBER, 1900.

DATE.	Garbage.	No. of Loads.	DEAD ANIMALS. Amount.	Kind of and Number. Horses.	Mules.	Cattle.	Hogs.	Dogs.	Cats.	Total.	Slaughter House Refuse.	No. of Loads.	Works No. 1.	Works No. 2.	Total.	Excess.	UNOFFICIAL. Garbage.	Dead Animals.	Slaughter House Refuse.
Oct. 1	479,145	135	10,800	10	1	1	..	4	....	16	64,145	4	10,800	543,290	554,090	354,090	.....	.....	....
" 2	478,360	132	14,400	12	...	1	....	90	...	103	58,970	6	14,400	532,330	546,730	346,730	.....	.....	.....
" 3	471,605	133	18,500	16	1	2	...	..	....	19	59,770	5	18,500	531,375	549,875	349,875	.....	.....	.....
" 4	471,945	133	11,100	10	1	1	..	3	....	15	58,865	3	11,100	530,810	541,910	341,910	.....	.....	....
" 5	221,175	68	4,100	3	1	....	..	2	....	6	40,535	3	4,100	261,710	265,810	65,810	.....	.....	....
" 6	465,685	131	11,900	8	2	1	..	122		133	58,820	5	11,900	524,505	536,405	336,405	.....	.....	.....
" 7	222,690	63	5,900	5	..	1	....	..	..	6	29,420	2	5,900	252,110	258,010	58,010	.....	.....	.....
" 8	471,646	133	16,800	15	1	2	2	1	..	21	58,995	5	16,800	530,640	547,440	347,440	.....	.....	.....
" 9	466,880	150	12,800	9	1	2	..	98	..	110	60,395	5	12,800	527,275	540,075	340,075	.....	.....	.....
" 10	454,435	124	13,200	11	..	2	....	3	..	16	59,920	4	13,200	514,355	527,555	327,555	.....	.....	.....
" 11	457,455	130	12,800	13	..	....	....	..	..	13	59,565	4	12,800	517,020	529,820	329,820	.....	.....	.....
" 12	461,595	130	9,200	7	2	....	....	....	....	9	59,820	4	9,200	521,415	530,615	330,615	.....	.....	.....
" 13	445,970	129	16,100	12	1	2	1	94	..	110	64,645	5	16,100	510,615	526,715	326,715	.....	.....	.....
" 14	220,385	65	6,200	5	1	..	..	..	..	6	36,445	2	6,200	256,830	263,030	63,030	.....	.....	.....
" 15	442,035	127	7,200	8	1	1	....	8	....	96	61,390	2	7,200	503,425	510,625	310,625	.....	.....	.....
" 16	455,555	127	11,600	7	2	1	..	1	..	11	60,100	4	11,600	515,655	527,255	327,255	.....	.....	.....
" 17	432,645	126	8,700	8	1	...	....	..	....	9	66,010	3	8,700	498,655	507,355	307,355	.....	.....	....
" 18	437,125	125	9,200	10	2	...	....	3	....	15	60,470	4	9,200	497,595	506,795	306,795	.....	.....	.....
" 19	444,815	127	12,000	9	1	2	...	80	..	92	59,760	4	12,000	504,575	516,575	316,575	.....	.....	.....
" 20	429,310	125	12,900	8	....	..	....	..	..	8	60,665	6	12,900	489,975	502,875	302,875	.....	.....	....
" 21	225,340	65	7,900	14	..	1	....	2	....	17	30,150	2	7,900	255,490	263,390	63,390	.....	.....	.....
" 22	418,665	121	15,900	8	2	...	....	63	..	73	67,290	4	15,900	485,955	501,855	301,855	.....	.....	.....
" 23	426,060	122	11,500	12	1	1	....	1	....	15	61,195	4	11,500	487,255	498,755	298,755	.....	.....	.....
" 24	422,595	122	15,000	6	....	....	....	..	....	6	59,860	4	15,000	482,455	497,455	297,455	.....	.....	.....
" 25	423,635	124	6,200	6	1	1	..	4	....	12	61,100	3	6,200	484,735	490,935	290,935	.....	.....	.....
" 26	437,900	126	8,300	8	2	4	1	4	....	19	60,120	4	8,300	498,020	506,320	306,320	.....	.....	.....
" 27	419,800	922	13,600	5	1	....	..	....	....	6	61,515	5	13,600	481,315	494,915	294,915	.....	.....	.....
" 28	205,065	65	6,100	8	1	.	....	....	....	9	36,630	2	6,100	241,695	247,795	47,795	.....	.....	.....
" 29	429,375	122	9,400	8	1	....	....	....	....	9	61,695	3	9,400	491,070	500,470	300,470	.....	.....	.....
" 30	436,915	127	6,200	6	..	....	....	5	....	11	60,065	4	6,200	496,980	503,180	303,180	.....	.....	.....
" 31	426,990	123	3,100	3	.	....	....	3	....	6	62,865	3	3,100	489,855	492,955	292,955	.....	.....	.....
Total.	12,697,79	3650	328,100	270	28	26	4	669	....	997	1,761,190	118	328,100	14,458,985	14,787,085	8,687,085	.....	.....	.....

TABLE NO. 45.

REDUCTION OF GARBAGE—MONTH OF SEPTEMBER, 1900.

DATE.	Garbage.	No. of Loads.	DEAD ANIMALS.								Slaughter House Refuse.	No. of Loads.	Works No. 1.	Works No. 2.	Total.	Excess.	UNOFFICIAL.		
			Amount.	Kind of and Number.													Garbage.	Dead Animals.	Slaughter House Refuse.
				Horses.	Mules.	Cattle.	Hogs.	Dogs.	Cats.	Total.									
Sept. 1	588,945	152	22,000	16	1	3	...	125	...	145	59,055	5	22,000	648,000	670,000	470,000	.....	.....	.....
" 2	280,495	69	7,100	5	1	1	..	.....	....	7	...	2	7,100	280,495	287,595	87,595	.....	.....	.....
" 3	618,795	160	16,600	11	4	2	..	9	..	26	62,320	4	16,600	681,115	697,715	497,715	.....	.....	.....
" 4	614,435	161	18,000	10	4	2	..	144	..	160	61,465	5	18,000	675,900	693,900	493,900	.....	.....	.....
" 5	620,970	162	16,100	12	2	2	...	2	...	18	58,955	5	16,100	679,925	696,025	496,025	.....	.....	.....
" 6	598,850	155	15,400	14	1	...	....	...	...	15	61,950	3	15,400	660,800	676,200	476,200	.....	.....	.....
" 7	598,115	158	18,400	15	2	1	1	4	....	23	58,400	4	18,400	656,515	674,915	474,915	.....	.....	.....
" 8	573,845	156	18,400	13	2	2	..	118	....	135	61,085	6	18,400	634,030	653,330	453,330	.....	.....	.....
" 9	265,025	64	14,500	9	4	2	..	8	..	23	.....	3	14,500	265,025	279,525	79,525	.....	.....	.....
" 10	577,595	156	20,300	15	5	..	..	2	....	22	65,225	5	20,300	642,820	663,120	463,120	.....	.....	.....
" 11	585,955	154	20,200	17	1	..	..	143	....	161	53,330	6	20,300	639,285	659,585	459,585	.....	.....	.....
" 12	567,745	151	12,100	8	4	...	....	...	....	12	57,945	3	12,100	625,690	637,790	437,790	.....	.....	.....
" 13	506,495	158	15,500	11	2	3	....	3	....	19	57,080	5	15,500	653,575	669,075	469,075	.....	.....	.....
" 14	571,860	155	12,600	9	2	1	...	2	...	14	61,875	5	12,600	633,685	646,285	446,285	.....	.....	.....
" 15	566,365	154	15,400	12	1	1	...	121	...	135	66,020	6	15,400	632,385	647,785	447,785	.....	.....	.....
" 16	257,080	65	7,100	6	1	....	....	1	....	8	.....	2	7,100	257,080	264,180	64,180	.....	.....	.....
" 17	561,490	154	6,700	6	1	....	....	1	....	8	60,925	2	6,700	622,415	629,115	429,115	.....	.....	.....
" 18	152,010	51	15,200	11	1	1	....	142	....	155	56,895	4	15,260	208,905	224,105	24,105	.....	.....	.....
" 19	547,810	154	12,200	10	1	3	....	3	....	17	61,190	3	12,200	609,000	621,200	421,200	.....	.....	.....
" 20	532,900	146	9,400	7	2	1	...	.....	....	10	63,005	3	9,400	595,905	605,305	405,305	.....	.....	.....
" 21	538,515	151	12,400	12	..	...	...	1	....	13	61,495	4	12,400	600,010	612,410	412,410	.....	.....	.....
" 22	517,425	146	17,600	16	1	1	....	113	....	131	60,890	5	17,600	578,315	595,915	395,915	.....	.....	.....
" 23	215,000	60	4,100	2	2	1	....	..	....	5	29,135	1	4,100	244,135	248,235	48,235	.....	.....	.....
" 24	504,460	141	15,600	13	1	2	...	6	...	22	63,445	5	15,600	567,905	583,505	383,505	.....	.....	.....
" 25	486,310	138	13,900	9	2	..	...	147	...	158	63,410	5	13,900	549,120	563,620	363,620	.....	.....	.....
" 26	496,840	142	9,300	9	....	....	....	1	....	10	61,595	3	9,300	557,435	566,735	366,735	.....	.....	.....
" 27	491,950	138	13,900	12	1	....	....	1	....	14	58,420	3	12,900	550,370	563,270	363,270	.....	.....	.....
" 28	482,865	136	12,600	11	1	1	....	3	....	16	63,400	4	12,600	546,265	558,865	358,865	.....	.....	.....
" 29	484,645	136	15,300	10	3	1	....	116	..	130	59,460	5	15,300	544,105	559,405	359,405	.....	.....	.....
" 30	214,175	63	13,100	13	....	..	....	2	....	15	36,230	4	13,100	250,405	263,505	63,505	.....	.....	.....
Total	14,707,965	3986	420,100	327	53	81	1	1218	....	1627	1,584,150	120	420,100	16,292,115	16,712,215	10,719,215	.....	.....	.....

TABLE NO. 46.

REDUCTION OF GARBAGE—MONTH OF OCTOBER, 1900.

DATE.	Garbage.	DEAD ANIMALS. No. of Loads.	Amount.	Kind of and Number. Horses.	Mules.	Cattle.	Hogs.	Dogs.	Cats.	Total.	Slaughter House Refuse.	No. of Loads.	Works No. 1.	Works No. 2.	Total.	Excess.	UNOFFICIAL. Garbage.	Dead Animals.	Slaughter House Refuse.
Oct. 1	479,145	135	10,800	10	1	1	..	4	....	16	64,145	4	10,800	543,290	554,090	354,090	.....	.....	....
" 2	478,360	132	14,400	12	..	1	....	90	....	103	58,970	6	14,400	532,330	546,730	346,730	.....	.....	.....
" 3	471,605	133	18,500	16	1	2	....	..	....	19	59,770	5	18,500	531,375	549,875	349,875	.....	.....	.....
" 4	471,945	133	11,100	10	1	1	..	3	....	15	58,865	3	11,100	530,810	541,910	341,910	.....	.....	.....
" 5	221,175	66	4,100	3	1	....	..	2	....	6	40,535	3	4,100	241,710	265,810	65,810	.....	.....	.....
" 6	465,685	131	11,900	8	2	1	..	122	....	133	58,820	5	11,900	524,505	536,405	336,405	.....	.....	.....
" 7	222,690	63	5,900	5	..	1	....	..	....	6	29,420	2	5,900	252,110	258,010	58,010	.....	.....	.....
" 8	471,648	133	16,800	15	1	2	....	1	..	21	58,995	5	16,800	530,640	547,440	347,440	.....	.....	.....
" 9	466,880	150	12,800	9	1	2	..	98	..	110	60,395	5	12,800	527,275	540,075	340,075	.....	.....	.....
" 10	454,435	124	13,200	11	..	2	....	3	..	16	59,920	4	13,200	514,355	527,555	327,555	.....	.....	.....
" 11	457,455	130	12,300	13	..	....	....	..	..	13	59,565	4	12,300	517,020	529,320	329,320	.....	.....	.....
" 12	461,595	130	9,200	7	2	....	....	..	....	9	59,820	4	9,200	521,415	530,615	330,615	.....	.....	.....
" 13	445,970	129	16,100	12	1	2	1	94	..	110	64,645	5	16,100	510,615	526,715	326,715	.....	.....	.....
" 14	220,385	65	6,200	5	1	..	..	..	....	6	36,445	2	6,200	256,830	263,030	63,030	.....	.....	.....
" 15	442,085	127	7,200	8	1	1	....	8	....	96	61,390	2	7,200	503,425	510,625	310,625	.....	.....	.....
" 16	455,555	127	11,600	7	2	1	..	1	..	11	60,100	4	11,600	515,655	527,255	327,255	.....	.....	.....
" 17	432,645	126	8,700	8	1	....	....	..	....	9	66,010	3	8,700	498,655	507,355	307,355	.....	.....	....
" 18	437,125	125	9,200	10	2	....	....	3	....	15	60,470	4	9,200	497,595	506,795	306,795	.....	.....	.....
" 19	444,815	127	12,000	9	1	2	....	80	..	92	59,760	4	12,000	504,575	516,575	316,575	.....	.....	.....
" 20	429,310	125	12,900	8	....	..	....	..	..	8	60,665	6	12,900	489,975	502,875	302,875	.....	.....	....
" 21	225,340	65	7,900	14	..	1	....	2	....	17	30,150	2	7,900	255,490	263,390	63,390	.....	.....	.....
" 22	418,665	121	15,900	8	2	....	....	63	..	73	67,290	4	15,900	485,955	501,855	301,855	.....	.....	.....
" 23	426,060	122	11,500	12	1	1	....	1	....	15	61,195	4	11,500	487,255	498,755	298,755	.....	.....	.....
" 24	422,595	122	15,000	6	....	....	....	....	....	6	59,860	4	15,000	482,455	497,455	297,455	.....	.....	.....
" 25	423,635	124	6,200	6	1	1	....	4	....	12	61,100	3	6,200	484,735	490,935	290,935	.....	.....	.....
" 26	437,900	126	8,300	8	2	4	1	4	....	19	60,120	4	8,300	498,020	506,320	306,320	.....	.....	.....
" 27	419,800	922	13,600	5	1	....	..	..	....	6	61,515	5	13,600	481,315	494,915	294,915	.....	.....	.....
" 28	205,065	65	6,100	8	1	..	....	..	....	9	36,630	2	6,100	241,695	247,795	47,795	.....	.....	.....
" 29	429,375	122	9,400	8	1	....	....	..	....	9	61,695	3	9,400	491,070	500,470	300,470	.....	.....	.....
" 30	436,915	127	6,200	6	..	....	....	5	....	11	60,065	4	6,200	496,980	503,180	303,180	.....	.....	.....
" 31	426,990	123	3,100	3	..	....	....	3	..	6	62,865	3	3,100	489,855	492,955	292,955	.....	.....	.....
Total,	12,697,79	3650	328,100	270	28	26	4	669	....	997	1,761,190	118	328,100	14,458,985	14,787,085	8,587,085	.....	.....	.....

TABLE NO. 47.

REDUCTION OF GARBAGE—MONTH OF NOVEMBER, 1900.

DATE.	Garbage.	No. of Loads.	DEAD ANIMALS. Amount.	Kind of and Number. Horses.	Mules.	Cattle.	Hogs.	Dogs.	Cats.	Total.	Slaughter-House Refuse.	No. of Loads.	Works No. 1.	Works No. 2.	Total.	Excess.	UNOFFICIAL. Garbage.	Dead Animals.	Slaughter-House Refuse.
Nov. 1	424,650	121	8,100	6	2	..	....	....	....	8	60,100	3	8,100	484,750	492,850	292,850	.....	.....	.....
" 2	410,570	119	19,200	14	3	2	.	....	....	19	60,605	6	19,200	471,175	490,375	290,375	.....	.....	.....
" 3	412,205	118	15,900	12	1	2	1	....	....	16	59,965	4	15,900	472,170	488,070	288,970	.....	.....	.....
" 4	210,415	60	6,100	5	1	...	....	..	....	6	29,460	2	6,100	239,875	249,975	45,975	.....	.....	.....
" 5	403,720	115	8,600	5	2	2	....	..	...	9	60,820	3	8,600	463,540	472,140	272,140	.....	.....	.....
" 6	189,805	62	10,200	9	....	1	...	....	....	10	41,635	4	10,200	231,440	241,640	41,640	.....	.....	.....
" 7	403,600	117	7,300	7	....	..	..	....	..	7	61,965	3	7,300	463,565	470,865	270,865	.....	.....	.....
" 8	418,185	117	14,100	14	....	....	...	..	....	14	50,845	4	14,100	469,030	483,130	283,130	.....	.....	.....
" 9	361,245	111	9,400	8	2	...	..	1	....	11	70,770	3	9,400	432,015	441,415	241,415	.....	.....	.....
" 10	396,200	115	24,600	21	3	....	....	...	..	24	60,410	6	24,600	456,610	481,210	281,210	.....	.....	.....
" 11	197,400	60	8,300	7	1	....	..	....	....	8	32,505	2	8,300	229,905	238,205	88,205	.....	.....	.....
" 12	386,960	115	17,9 0	16	1	..	...	2	....	19	62,295	5	17,800	449,255	467,155	267,155	.....	.....	.....
" 13	380,810	113	22,800	17	6	1	1	....	...	25	60,965	5	22,800	441,775	464,575	264,575	.....	.....	.....
" 14	380,125	113	12,900	11	2	....	....	....	....	13	61,220	4	12,900	444,345	457,245	257,245	.....	.....	.....
" 15	385,375	111	10,800	7	4	...	1	...	....	12	59,950	3	10,800	445,325	456,125	256,125	.....	.....	.....
" 16	372,055	110	19,400	15	3	1	...	1	....	20	61,120	5	19,400	433,175	452,575	252,575	.....	.....	.....
" 17	377,225	109	13,100	10	..	...	....	132	..	142	59,600	5	13,100	436,875	449,975	249,975	.....	.....	.....
" 18	211,315	59	8,200	6	2	1	...	....	....	9	31,125	2	8,200	242,440	250,640	50,640	.....	.....	.....
" 19	362,070	111	13,900	12	2	1	...	1	....	16	58,415	4	13,900	420,485	434,385	234,385	.....	.....	.....
" 20	370,420	109	15,800	13	2	....	....	37	....	52	58,320	5	15,800	428,740	444,540	244,540	.....	.....	.....
" 21	363,770	107	12,800	10	1	1	....	6	....	18	60,060	4	12,800	423,830	436,630	236,630	.....	.....	.....
" 22	355,255	106	12,000	10	2	....	...	2	....	14	60,600	4	12,000	415,855	427,855	227,855	.....	.....	.....
" 23	352,610	107	7,200	6	...	1	....	...	...	7	64,210	3	7,200	416,820	424,020	224,020	.....	.....	.....
" 24	348,365	105	12,400	12	...	1	....	....	...	13	58,300	3	12,400	406,665	419,065	219,065	.....	.....	.....
" 25	198,350	50	4,900	4	1	....	....	....	....	5	37,260	2	4,900	227,610	232,510	82,510	.....	.....	.....
" 26	358,880	104	8,300	7	2	...	...	...	....	9	58,665	2	8,300	417,545	425,845	225,845	.....	.....	.....
" 27	359,115	108	15,900	12	3	1	....	1	...	17	58,920	3	15,900	418,035	433,935	233,935	.....	.....	.....
" 28	342,750	104	7,800	6	1	1	....	...	....	8	59,400	4	7,800	402,350	409,950	209,950	.....	.....	.....
" 29	193,320	61	8,700	8	1	....	....	....	....	9	41,135	3	8,700	234,455	243,155	13,155	.....	.....	.....
" 30	356,835	107	6,900	5	1	....	....	2	...	8	57,865	2	6,900	414,720	421,620	221,620	.....	.....	.....
Total,	10,275,670	4032	363,500	295	49	16	3	185	....	548	1,658,505	108	363,500	11,934,175	12,297,675	6,297,675	.....	.....	.....

TABLE 48.

REDUCTION OF GARBAGE—MONTH OF DECEMBER, 1900.

DATE.	Garbage.	No. of Loads.	DEAD ANIMALS. Amount.	Kind of and Number. Horses.	Mules.	Cattle.	Hogs.	Dogs.	Cats.	Total.	Slaughter House Refuse.	No. of Loads.	Works No. 1.	Works No. 2.	Total.	Excess.	UNOFFICIAL. Garbage.	Dead Animals.	Slaughter House Refuge.
Dec. 1	348,885	106	11,100	9	1	1	....	2	....	13	59,310	3	11,100	408,195	419,295	219,295	.....	.....	.....
" 2	199,395	58	8,700	7	1	...	...	1	....	9	29,440	2	8,700	228,835	237,535	37,535	.....	.....	.....
" 3	346,165	105	12,600	11	1	...	...	...	....	12	59,385	5	12,600	405,550	418,150	218,150	.....	.....	.....
" 4	341,855	102	7,700	7	....	1	2	5	....	15	60,390	3	7,700	402,245	409,945	209,945	.....	.....	.....
" 5	329,120	104	15,800	12	3	...	...	2	....	17	65,180	4	15,800	394,300	410,100	210,100	.....	.....	.....
" 6	328,660	102	5,700	4	1	...	1	1	....	7	63,440	2	5,700	392,100	397,800	197,800	.....	.....	.....
" 7	324,240	101	8,800	7	1	1	..	2	....	11	64,680	4	8,800	388,920	397,720	197,720	.....	.....	.....
" 8	329,270	101	11,300	10	1	..	...	...	....	11	67,770	5	11,300	397,040	408,340	208,340	.....	.....	.....
" 9	192,340	61	5,300	4	1	...	...	...	....	5	41,085	2	5,300	233,375	238,675	38,675	.....	.....	.....
" 10	327,585	100	7,500	6	1	...	...	1	..	8	61,285	4	7,500	388,870	396,370	196,370	.....	.....	.....
" 11	322,290	99	10,100	9	1	...	....	...	....	10	59,735	4	10,100	382,025	392,125	192,125	.....	.....	.....
" 12	317,410	99	11,000	9	1	1	....	1	....	12	64,085	4	11,000	381,445	392,445	192,445	.....	.....	.....
" 13	326,025	100	13,700	10	1	1	1	4	....	17	64,290	6	13,700	390,315	404,015	204,015	.....	.....	.....
" 14	323,120	102	6,800	4	2	1	....	...	....	7	57,455	3	6,800	380,575	387,375	187,375	.....	.....	.....
" 15	314,280	97	12,900	11	2	....	....	2	....	15	59,565	5	12,900	373,845	386,745	186,745	.....	.....	.....
" 16	190,610	58	8,400	8	....	....	....	1	....	9	34,650	2	8,400	227,260	235,660	35,660	.....	.....	.....
" 17	324,670	101	10,900	8	1	....	....	2	....	11	63,095	3	10,900	387,765	398,665	198,665	.....	.....	.....
" 18	327,725	100	11,100	9	1	1	....	2	....	13	57,350	3	11,100	385,075	396,175	196,175	.....	.....	.....
" 19	316,640	97	9,400	9	1	...	....	1	....	11	61,895	3	9,400	378,535	387,935	187,935	.....	.....	.....
" 20	313,940	97	10,000	10	...	1	....	3	....	14	63,335	3	10,000	375,275	385,275	185,275	.....	.....	.....
" 21	325,495	99	9,000	8	1	1	....	...	....	10	63,035	2	9,000	388,530	397,530	197,530	.....	.....	.....
" 22	323,290	100	11,300	8	2	1	....	4	....	15	63,010	5	11,300	386,300	397,600	197,600	.....	.....	.....
" 23	195,285	59	7,100	5	1	1	....	...	....	7	36,780	2	7,100	232,045	239,145	39,145	.....	.....	.....
" 24	314,275	98	10,100	7	2	1	....	6	....	16	64,590	3	10,100	378,865	388,965	188,965	.....	.....	.....
" 25	199,090	61	.....	....	....	....	....	....	....	....	41,135	.....	.....	240,225	240,225	40,225	.....	.....	.....
" 26	313,525	96	7,900	5	3	2	....	....	....	10	62,895	3	7,900	376,380	384,280	184,280	.....	.....	.....
" 27	306,675	96	12,100	9	2	....	...	2	...	13	61,935	5	12,100	368,610	380,710	180,710	.....	.....	.....
" 28	297,830	94	5,700	5	....	2	2	2	....	11	61,935	3	5,700	359,765	365,465	165,465	.....	.....	.....
" 29	308,670	97	17,400	15	....	2	..	2	....	19	62,800	4	17,400	371,470	388,870	188,870	.....	.....	.....
" 30	199,975	58	6,200	3	3	....	....	....	....	6	35,080	2	6,200	223,055	229,255	29,255	.....	.....	.....
" 31	303,075	92	11,700	8	2	....	1	4	....	15	62,990	4	11,700	366,065	377,765	177,765	.....	.....	.....
Total,	9,221,300	2840	297,300	227	37	18	7	50	....	349	1,771,465	103	297,300	10,992,855	11,290,155	5,090,155	.....	.....	.....

TABLE NO. 49.

REDUCTION OF GARBAGE—MONTH OF JANUARY, 1901.

DATE.		Garbage.	No. of Loads.	DEAD ANIMALS. Amount.	Kind of and Number. Horses.	Mules.	Cattle.	Hogs.	Dogs.	Cats.	Total.	Slaughter House Refuse.	No. of Loads.	Works No. 1.	Works No. 2.	Total.	Excess.	UNOFFICIAL. Garbage.	Dead Animals.	Slaughter House Refuse.
Jan.	1	196,705	60	7,100	5	2	..	....	2	...	9	35,360	3	7,100	232,065	239,165	39,165	.....	.....	.....
	2	287,340	94	7,300	7	....	....	....	....	...	7	64,535	2	7,300	351,875	359,175	159,175	.....	.....	.....
	3	293,235	93	7,900	7	..	1	1	1	...	10	58,000	3	7,900	351,235	359,135	159,135	.....	.....	.....
	4	285,780	94	13,900	13	1	1	..	1	...	16	61,105	4	13,900	346,885	360,785	160,785	.....	.....	.....
	5	292,155	93	12,400	10	1	1	..	2	..	14	62,340	5	12,400	354,495	366,895	166,895	.....	.....	.....
	6	183,205	57	3,900	3	..	1	..	2	...	6	40,835	2	3,900	224,040	227,940	27,940	.....	.....	.....
	7	299,045	95	13,000	10	1	2	....	2	...	15	61,795	3	13,000	360,840	373,840	173,840	.....	.....	.....
	8	309,940	97	15,800	10	3	3	....	1	..	17	62,850	4	15,800	372,790	388,590	188,590	.....	.....	.....
	9	306,325	98	9,500	8	....	1	..	....	...	9	62,495	2	9,500	368,820	378,320	178,320	.....	.....	.....
	10	298,005	94	11,700	9	1	1	..	3	...	14	62,690	3	11,700	360,695	372,395	172,395	.....	.....	.....
	11	295,765	94	10,500	1	2	2	....	2	...	13	62,950	3	10,500	358,715	369,215	169,215	.....	.....	.....
	12	295,915	94	4,800	4	1	1	..	3	...	9	62,500	3	4,800	358 415	363,215	168,215	.....	.....	.....
	13	189,425	59	5,700	6	..	....	..	1	....	7	33,240	2	5,700	222,665	228,365	28,365	.....	.....	.....
	14	298,780	96	6,300	3	1	2	....	....	...	6	62,800	3	6,300	361,580	367,880	167,880	.....	.....	.....
	15	296,925	95	9,100	7	..	2	....	1	...	10	62,550	4	9,100	359,475	368,575	168,575	.....	.....	.....
	16	285,095	94	6,800	6	....	....	....	....	....	6	62,100	2	6,300	347,195	353,495	153,495	.....	.....	.....
	17	290,775	93	5,300	4	1	..	....	3	....	8	62,150	3	5,300	352,925	358,225	158,225	.....	.....	.....
	18	290,810	93	6,900	6	....	....	....	1	....	7	61,600	3	6,900	351,910	358,810	158,810	.....	.....	.....
	19	282,565	92	5,000	4	1	....	....	1	....	6	66,275	2	5,000	348,840	353,840	153,840	.....	.....	.....
	20	187,160	57	6,100	5	....	1	..	1	....	7	35,460	2	6,100	222,620	228,720	28,720	.....	.....	.....
	21	269,115	94	11,400	8	2	1	....	2	....	13	63,000	4	11,400	332,115	343,515	143,515	.....	.....	.....
	22	292,395	93	3,000	2	....	1	....	1	....	4	61,600	2	3,000	353,995	356,995	156,995	.....	.....	.....
	23	298,815	94	12,900	12	..	....	....	2	....	14	62,050	2	12,900	360,865	373,765	173,765	.....	.....	.....
	24	287,075	92	7,600	6	1	1	1	..	...	9	63,290	3	7,600	350,365	357,965	157,965	.....	.....	.....
	25	287,645	94	5,600	5	..	....	..	....	..	5	60,540	3	5,600	348,185	353,785	153,785	.....	.....	.....
	26	277,195	90	8,700	6	2	1	....	....	....	9	61,540	3	8,700	338,735	347,435	147,435	.....	.....	.....
	27	187,605	59	5,200	3	....	2	..	....	....	5	29,480	2	5,200	217,035	222,235	22,235	.....	.....	.....
	28	291,230	96	8,300	6	....	2	....	2	....	10	62,600	4	8,300	353,830	362,130	162,130	.....	.....	.....
	29	281,890	83	7,900	4	2	1	....	....	....	7	61,100	4	7,900	342,990	350,890	150,890	.....	.....	.....
	30	285,690	94	8,200	5	3	....	....	2	....	10	60,100	3	8,200	345,790	353,990	153,990	.....	.....	.....
	31	274,595	94	3,900	2	....	2	....	..	....	4	62,340	2	8,900	336,935	340,835	140,835	.....	.....	.....
Total,		8,497,700	2725	251,200	193	25	30	1	36	..	286	1,791,220	90	251,200	10,288,920	10,540,120	4,340,120	.....	.....	.....

TABLE NO. 50.

REDUCTION OF GARBAGE—MONTH OF FEBRUARY, 1901.

DATE.	Garbage.	No. of Loads.	DEAD ANIMALS. Amount.	Kind of and Number. Horses.	Mules.	Cattle.	Hogs.	Dogs.	Cats.	Total.	Slaughter House Refuse.	No. of Loads.	Works No. 1.	Works No. 2.	Total.	Excess.	UNOFFICIAL. Garbage.	Dead Animals.	Slaughter House Refuse.
Feb. 1	303,345	96	9,800	6	2	1	....	1	....	10	64,340	4	9,800	367,685	377,485	177,485	.....	....	....
" 2	279,350	92	5,100	3	1	1	....	....	....	5	63,400	2	5,100	342,750	347,850	147,850	.....	....	....
" 3	189,730	58	4,900	4	....	....	....	....	....	4	36,100	2	4,900	225,830	230,730	30,730	.....	....	....
" 4	289,030	92	11,600	8	2	1	....	4	....	18	63,940	3	11,600	352,970	364,570	164,570	.....	....	....
" 5	280,315	91	6,900	4	2	1	....	1	....	4	62,390	3	6,900	342,705	349,605	149,605	.....	....	....
" 6	281,310	92	12,000	11	1	1	....	....	....	13	63,190	4	12,000	344,500	356,500	156,500	.....	....	....
" 7	277,380	93	13,100	7	3	4	....	1	....	15	63,640	6	13,100	341,020	354,120	154,120	.....	....	....
" 8	279,180	93	6,000	3	1	2	....	1	....	7	60,990	2	6,000	340,170	346,170	146,170	.....	....	....
" 9	278,110	90	2,500	2	....	....	....	....	....	2	63,440	1	2,500	341,550	344,050	144,050	.....	....	....
" 10	178,675	58	.....	.....	.....	.....	....	.....	....	.....	34,560	....	.....	213,225	213,225	13,225	.....	....	....
" 11	264,770	90	9,900	6	1	2	....	4	....	13	61,790	3	9,900	326 560	336,460	136,460	.....	....	....
" 12	283,900	92	12,100	11	.	....	....	1	....	12	65,890	5	12,100	349,690	361,790	161,790	.....	....	....
" 13	274,865	90	10,400	8	....	3	....	..	....	11	62,790	3	10,400	337,655	348,055	148,055	.....	... .	....
" 14	286,117	92	9,900	7	1	1	....	1	....	10	59,000	5	9,900	345,217	355,111	155,117	.....	....	....
" 15	276,405	90	10,600	10	1	....	....	3	....	14	63,490	3	10,600	339,895	350,495	150,495	.....	....	....
" 16	262,345	92	6,300	4	1	1	....	1	....	7	61,535	2	6,300	323,880	330,180	130,180	.....	....	....
" 17	187,815	57	.....	.....	.....	.....	....	.....	....	.....	35,930	....	.....	223,745	223,745	23,745	.....	....	....
" 18	278,995	90	7,400	6	1	....	....	2	....	9	63,290	2	7,400	342,285	349,685	149 685	.....	....	....
" 19	265,635	91	9,600	8	....	2	....	4	....	14	62,450	2	9,600	328,085	337,685	137,685	.....	....	....
" 20	264,345	92	5,100	4	..	1	....	7	....	12	61,035	2	5,100	325,380	330,480	130,480	.....	....	....
" 21	279,540	91	7,900	6	....	1	....	2	....	9	60,475	3	7,900	340,015	347,915	147,915	.....	....	....
" 22	176,875	58	12,400	12	..	....	1	3	....	16	34,080	3	12,400	210,955	223,355	23,355	.....	....	....
" 23	272,480	90	12,600	8	1	1	....	120	....	130	62,190	4	12.600	334,670	347,270	147,270	.....	....	....
" 24	180,295	57	3,300	3	....	..	....	....	....	3	33,390	1	3,300	213,685	216,985	16,985	.....	....	....
" 25	281,170	93	11,900	8	2	....	....	2	....	12	62,290	4	11,900	343,460	355,360	155,360	.....	....	....
" 26	260,025	90	9,400	8	1	....	....	2	....	11	62,000	3	9,400	322,025	331,425	131,425	.....	....	....
" 27	281,760	91	10,200	7	1	1	....	57	....	66	64,140	4	10,200	349,900	356,100	156,100	.....	....	....
" 28	286,735	94	8,200	5	2	1	....	3	....	11	60,990	2	8,200	347,795	355,925	155,925	.....	....	....
Total,	7,300,497	2396	229,100	169	24	25	1	220		439	1,612,735	78	229,100	8,913,232	9,142,332	3,542,332	.....	....	....

TABLE NO. 51.

REDUCTION OF GARBAGE—MONTH OF MARCH, 1901.

DATE.	Garbage.	No. of Loads.	DEAD ANIMALS. Amount.	Kind of and Number. Horses.	Mules.	Cattle.	Hogs.	Dogs.	Cats.	Total.	Slaughter House Refuse.	No. of Loads.	Works No. 1.	Works No. 2.	Total.	Excess.	UNOFFICIAL. Garbage.	Dead Animals.	Slaughter House Refuse.
March 1	265,900	91	$11,400	11	..	....	....	....	....	11	62,300	3	11,400	328,200	339,600	139,600	.....	.....	.....
" 2	266,520	91	14,600	8	2	2	....	132	....	144	63,190	5	14,600	329,710	344,310	144,310	.....	.....	.....
" 3	188,005	58	3,400	2	..	1	....	1	....	4	41,635	1	3,400	229,640	233,040	33,040	.....	.....	.....
" 4	277,655	92	12,800	12	....	3	....	102	....	117	64,740	3	12,800	342,395	355,195	155,195	.....	.....	.....
" 5	285,730	92	16,800	8	....	1	....	3	....	12	62,440	4	16,800	348,170	364,970	164,970	.....	.....	.....
" 6	273,185	91	9,400	7	....	2	....	4	....	13	62,340	3	9,400	335,525	344,925	144,925	.....	.....	.....
" 7	265,200	92	9,600	6	....	3	....	5	....	14	60,690	5	9,600	325,890	335,490	135,490	.....	.....	.....
" 8	281,070	90	9,800	6	1	3	....	43	....	53	62,340	3	9,800	343,410	353,210	153,210	.....	.....	.....
" 9	281,400	91	10,900	11	....	....	....	6	....	17	58,685	3	10,900	340,085	350,985	150,985	.....	.....	.....
" 10	184,450	59	2,400	2	....	....	....	....	....	2	34,545	1	2,400	218,995	221,395	21,395	.....	.....	.....
" 11	283,620	93	4,900	4	....	....	....	1	....	5	62,000	2	4,900	345,620	350,520	150,520	.....	.....	.....
" 12	258,830	92	7,600	5	....	....	....	117	....	122	59,940	4	7,600	328,770	336,370	136,370	.....	.....	.....
" 13	276,445	92	8,900	5	1	2	....	2	....	10	63,590	4	8,900	340,035	348,935	148,935	.....	.....	.....
" 14	282,045	90	9,300	4	3	2	1	1	....	11	63,040	4	9,300	345,085	354,385	154,385	.....	.....	.....
" 15	282,915	92	6,700	4	1	1	....	2	....	8	61,295	3	6,700	344,210	350,910	150,910	.....	.....	.....
" 16	282,095	92	7,900	5	1	..	....	120	....	126	62,140	4	7,960	344,245	352,145	152,145	.....	.....	.....
" 17	188,415	57	5,200	4	....	1	....	....	....	5	36,750	2	5,200	225,165	230,365	30,365	.....	.....	.....
" 18	277,025	92	13,300	12	1	..	1	2	....	16	63,690	4	13,300	340,715	354,015	154,015	.....	.....	.....
" 19	280,980	91	15,200	11	1	2	8	3	....	25	63,700	4	15,200	344,680	359,880	159,880	.....	.....	.....
" 20	275,080	90	7,800	6	....	1	....	....	....	7	61,940	3	7,800	337,020	344,820	144,820	.....	.....	.....
" 21	273,025	92	6,700	6	....	....	1	6	....	13	60,690	3	6,7 0	333,715	340,415	140,415	.....	.....	.....
" 22	270,890	90	11,600	11	....	....	....	5	....	16	60,440	3	11,600	331,330	342,930	142,930	.....	.....	.....
" 23	275,935	91	11,900	8	2	1	....	150	....	161	59,840	5	11,900	335,775	347,675	147,672	.....	.....	.....
" 24	194,235	58	2,300	2	....	..	....	....	....	2	30,580	1	2,300	224,815	227,115	27,115	.....	.....	.....
" 25	285,995	94	8,300	6	1	1	....	1	....	9	61,450	4	8,300	347,445	355,745	155,745	.....	.....	.....
" 26	271,335	91	10,500	7	....	2	....	92	....	101	60,790	3	10,500	332,125	342,625	142,625	.....	.....	.....
" 27	282,360	91	8,200	7	1	..	....	2	....	10	58,900	3	8,200	341,260	349,460	149,460	.....	.....	.....
" 28	275,025	91	12,300	10	1	1	....	5	....	17	63,690	3	12,300	338,705	351,005	151,005	.....	.....	.....
" 29	270,550	91	6,000	4	....	2	....	....	....	6	62,040	2	6,000	332,590	338,590	138,590	.....	.....	.....
" 30	274,175	91	7,900	5	1	1	..	110	..	116	62,550	3	7,900	336,725	344,625	144,625	.....	.....	.....
" 31	191,775	59	4,200	3	....	....	....	....	....	4	41,235	2	4,200	233,010	237,210	37,210	.....	.....	.....
Total,	8,131,865	2667	$277,800	202	17	32	11	915	....	1177	1,793,195	97	277,800	9,925,060	10,202,860	4,002,860	.....	.....	.....

TABLE NO. 52.

REDUCTION OF GARBAGE.—FISCAL YEAR 1900-1901.

Garbage.	No. of Loads.	DEAD ANIMALS. Amount.	Kind of and Number. Horses.	Mules.	Cattle.	Hogs.	Dogs.	Cats.	Total.	Slaughter House Refuse.	No. of Loads.	Works No. 1.	Works No. 2.	Total.	Excess.	Month.	Year.
8,553,880	2,700	276,600	221	17	26	2	603	...	869	1,710,890	96	276,600	10,264,770	10,541,370	4,541,370	April	1900
9,662,135	2,920	303,400	215	25	50	1	789	....	1,080	1,903,455	116	303,400	11,565,590	11,868,990	5,668,990	May	"
11,008,090	3,251	314,100	247	15	36	....	1,063	....	1,361	1,854,850	110	314,100	12,862,940	13,177,040	7,177,040	June.....	"
12,910,895	3,595	519,300	423	36	53	3	1,411	....	1,926	1,663,660	137	519,300	14,574,555	15,093,855	8,893,855	July	"
16,262,000	4,236	559,700	465	46	43	....	1,528	....	2,082	1,645,635	146	559,700	17,907,635	18,467,335	12,267,335	August	"
14,707,965	3,986	420,100	324	53	31	1	1,218	...	1,627	1,584,150	120	420,100	16,292,115	16,712,215	10,712,315	September	"
12,697,795	3,650	328,100	270	28	26	4	669	....	997	1,761,190	118	328,100	14,458,985	14,781,085	8,587,085	October	"
19,275,670	4,032	363,500	295	49	16	3	185	....	548	1,658,505	108	363,500	11,934,175	12,297,675	6,297,675	November	"
9,221,390	2,840	297,300	237	37	18	7	50	....	349	1,771,465	103	297,300	10,992,855	11,290,155	5,090,155	December.....	"
8,497,700	2,725	251,200	193	25	30	2	36	....	286	1,791,220	90	251,300	10,288,920	10,540,120	4,340,120	January.....	1901
7,300,497	2,395	229,100	169	24	25	1	220	....	439	1 612,735	78	229,100	8,913,232	9,142,332	3,542,332	February..	"
8,181,865	2,667	277,800	202	17	32	11	915	...	1,177	1,793,195	97	277,800	9,925,060	10,202,860	4,002,860	March.....	"
129,229,882	38,997	4,140,200	3,261	372	386	35	8,687	....	12,741	20,750,950	1,319	4,140,200	149,980,832	154,121,032	81,121,032		

II.

SANITARY DIVISION.

Presenting tables, etc., as follows:

Table No. 1. Showing record of communicable diseases.
Table No. 2. Showing cases and deaths from diphtheria by districts.
Table No. 3. Showing cases and deaths from scarlet fever by districts.
Table No. 4. Showing cases and deaths from croup by districts.
Table No. 5. Showing cases and deaths from typhoid fever by districts.
Table No. 6. Showing cases and deaths from diphtheria and croup from January 1st, 1886, to April 1st, 1901.
Table No. 7. Showing sanitary condition of premises where diphtheria existed.
Table No. 8. Showing sanitary condition of premises where scarlet fever existed.
Table No. 9. Showing sanitary condition of premises where typhoid fever existed.
Table No. 10. Showing number of houses examined, posted and disinfected.
Table No. 11. Showing boundaries of sanitary districts.
Table No. 12. Showing statistics relating to typhoid fever during the past fifty-one years.
Table No. 13. Showing cases and deaths of contagious diseases for the past fifty-one years.
Table No. 14. Showing cases and deaths from smallpox, also vaccination record for the past thirty-four years.
Table No. 15. Showing number of nuisances found by sanitary officers.
Table No. 16. Showing miscellaneous matter, and number of complaints made for non-collection of garbage.
Table No. 17. Showing veterinary surgeon's examination of dairies by districts.
Table No. 18. Showing cases brought in police court and fines imposed.
Table No. 19. Showing summary of appropriation, expenditures and unexpended balance.
Table No. 20. Showing amount appropriated for salaries of sanitary officers, inspectors and fumigators.
Table No. 21. Showing office expenses, printing and stationery, keeping horses, etc.
Table No. 22. Showing amount appropriated for horses and wagons.
Table No. 23. Showing amount appropriated for disinfectants.
Table No. 24. Showing amount purchased during the fiscal year.
Table No. 25. Showing status and condition of dairies by districts.
Table No. 26. Showing experiments made in disinfection with formaldehyde gas.

TABLE NO. 1.

RECORD OF COMMUNICABLE DISEASES.

1900-1901. MONTHS.	SMALLPOX.		DIPHTHERIA.		SCARLET FEVER.		CROUP.		TYPHOID FEVER.		CEREBRO-SPINAL FEVER.		TOTAL.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
April	26	1	169	20	57	3	14	4	34	4	1	1	301	33
May	12	1	221	25	90	9	7	6	29	4	4	2	363	47
June	11	0	243	25	66	7	7	1	26	8	0	1	353	42
July	4	0	150	20	40	6	3	1	43	15	0	0	240	42
August	1	1	229	25	42	2	6	4	119	20	0	0	397	52
September	4	0	230	24	76	2	3	1	253	13	1	1	567	41
October	2	0	414	42	123	4	13	7	262	30	2	1	816	84
November	8	0	478	41	103	5	24	15	127	15	0	1	735	77
December	18	1	461	40	118	8	23	11	104	19	3	2	727	81
January	88	0	377	34	123	7	11	3	76	8	0	0	625	52
February	87	0	272	28	73	2	10	7	55	14	1	1	448	52
March	56	2	247	29	97	3	8	5	32	11	2	2	442	52
Totals	217	6	3186	353	1008	58	129	65	1160	161	14	12	6014	655

TABLE NO. 1.—*Continued.*

1900-1901. MONTHS.	ERYSIPELAS.		MEASLES.		WHOOPING COUGH.		CHICKEN-POX.		PUERPERAL FEVER.		TOTAL.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
April	27	4	131	5	3	3	15	0	0	0	176	12
May	26	5	185	15	5	1	10	0	0	0	226	21
June	5	0	65	7	0	0	1	0	1	1	72	8
July	7	1	23	6	3	0	0	0	0	0	33	7
August	3	1	4	1	0	2	1	1	0	0	8	5
September	2	2	7	0	3	0	1	0	1	0	14	2
October	5	1	8	0	5	1	5	0	3	3	26	5
November	11	3	12	1	3	1	2	0	1	0	29	5
December	10	5	14	0	3	1	3	0	2	0	32	6
January	24	4	28	1	5	4	24	0	2	1	83	10
February	24	9	23	1	8	1	16	0	4	3	75	14
March	25	6	115	5	9	2	6	0	5	5	160	18
Totals	169	41	615	42	47	16	84	1	19	13	934	118

TABLE NO. 2.

CASES AND DEATHS FROM DIPHTHERIA BY DISTRICTS.

1900 AND 1901. DISTRICTS.	April.		May.		June.		July.		Aug.		Sept.		Oct.		Nov.		Dec.		Jan.		Feb.		March.		Total.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
1	32	3	20	3	28	2	27	6	42	1	55	6	69	6	69	3	70	4	61	4	34	2	24	1	531	41
2	29	2	35	7	46	2	26	6	31	3	35	0	81	7	85	10	105	9	53	6	50	10	23	5	599	67
3	12	3	16	0	29	2	14	0	21	3	14	2	44	3	25	6	16	1	29	5	19	1	26	5	265	31
4	27	4	70	7	73	9	39	3	62	6	39	4	74	9	101	9	61	5	69	4	37	2	54	5	709	67
5	28	4	20	2	10	0	5	1	8	0	15	4	30	5	56	4	60	4	38	2	31	2	25	0	326	28
6	24	3	31	2	30	7	16	0	20	4	28	2	39	4	45	2	53	6	40	1	39	3	31	9	396	43
7	17	1	29	4	27	3	23	4	45	8	44	6	77	8	92	7	93	11	87	12	62	8	64	4	660	76
Totals	169	20	221	25	243	25	150	20	229	25	230	24	414	42	473	41	461	40	377	34	272	28	247	29	3486	353

TABLE NO. 3.

CASES AND DEATHS FROM SCARLET FEVER BY DISTRICTS.

1900 AND 1901. DISTRICTS.	April.		May.		June.		July.		Aug.		Sept.		Oct.		Nov.		Dec.		Jan.		Feb.		March.		Totals.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
1	4	0	8	2	6	2	7	0	11	0	17	0	21	0	18	1	13	2	19	1	17	1	13	2	154	11
2	9	0	13	0	15	1	11	3	13	1	16	1	26	1	19	1	30	2	23	1	12	1	11	0	199	12
3	1	0	5	0	3	0	1	0	2	0	3	0	9	0	11	1	2	0	3	0	7	0	4	0	51	1
4	13	0	12	2	12	2	5	1	5	0	9	0	13	1	7	0	19	2	7	0	5	0	17	0	124	8
5	7	0	10	0	12	1	5	0	4	0	14	0	25	2	12	1	16	0	23	3	12	0	12	0	152	7
6	13	1	20	2	7	0	4	0	4	0	5	1	10	0	13	0	21	0	23	0	15	0	22	0	157	4
7	10	2	22	3	10	1	7	2	3	1	12	0	19	0	23	1	17	2	25	2	5	0	18	1	171	15
Totals	57	3	90	9	66	7	40	6	42	2	76	2	123	4	103	5	118	8	123	7	73	2	97	3	1008	58

TABLE NO. 4.

CASES AND DEATHS FROM CROUP BY DISTRICTS.

1900 AND 1901. DISTRICTS.	April.		May.		June.		July.		August.		Sept.		Oct.		Nov.		Dec.		Jan.		Feb.		March.		Total.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
1	1	1	0	0	0	0	0	0	3	2	0	0	2	1	1	0	4	1	2	1	1	1	1	0	15	7
2	5	1	2	2	1	0	0	0	1	1	0	0	1	0	6	4	4	2	3	0	2	2	3	2	28	14
3	1	1	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	5	2
4	3	0	3	2	2	0	0	0	1	1	1	0	6	4	7	3	3	0	2	1	0	0	0	0	28	12
5	0	0	0	0	0	0	1	0	0	0	0	0	1	1	5	4	2	2	3	1	1	1	2	2	15	11
6	1	0	2	2	0	0	0	0	0	0	2	0	1	0	0	0	2	1	0	0	2	1	1	1	12	5
7	3	1	0	0	3	1	2	1	0	0	0	0	1	0	5	4	8	5	1	0	3	2	0	0	26	14
Total	14	4	7	6	7	1	3	1	6	4	3	1	13	7	24	15	23	11	11	3	10	7	8	5	129	65

TABLE NO. 5.

CASES AND DEATHS FROM TYPHOID FEVER BY DISTRICTS.

1900-1901. DISTRICTS.	April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.		Jany.		Feby.		March.		Totals.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
1	6	0	4	2	9	2	9	3	14	7	17	2	28	2	14	2	6	1	11	1	7	2	8	1	138	25
2	3	0	1	0	4	3	6	3	14	2	20	0	19	3	12	2	15	1	7	1	8	4	3	1	112	20
3	10	1	9	1	5	1	3	0	16	1	37	2	33	7	23	2	14	3	4	0	10	2	3	2	167	22
4	4	2	2	0	1	0	7	4	13	2	20	1	25	4	20	2	18	4	10	1	7	1	4	2	126	23
5	2	0	3	0	3	0	3	0	15	2	49	3	49	1	16	0	15	3	9	0	8	1	3	1	175	11
6	7	1	8	1	4	0	8	4	40	2	80	4	82	9	33	4	29	3	26	3	14	2	8	3	339	36
7	2	0	2	0	0	2	7	1	7	4	30	1	26	4	9	3	12	4	9	2	1	2	3	1	108	24
Total	34	4	29	4	26	8	43	15	119	20	253	13	262	30	127	15	104	19	76	8	55	14	32	11	1160	161

TABLE NO. 6.

DIPHTHERIA AND CROUP—CASES AND DEATHS FROM JANUARY 1st, 1886, TO APRIL 1st, 1901. FIFTEEN YEARS AND THREE MONTHS.

NOTE.—In the table the statistics of Diphtheria appear in the first line of each year; those of Croup in the second line.

YEARS.	Jan.		Feb.		Mch.		April.		May.		June.		July.		Aug.		Sept.		Oct.		Nov.		Dec.		Total.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
1886	124	45	94	35	82	42	102	24	100	28	123	32	138	48	187	57	292	85	429	106	290	123	460	94	2826	719
*																										160
1887	313	82	183	47	182	41	138	52	158	50	125	43	113	46	254	62	427	135	457	115	440	139	318	115	3108	927
*																										185
1888	231	88	139	46	164	60	137	44	89	34	93	34	64	15	88	27	131	48	215	61	132	47	175	60	1658	564
*																										167
1889	117	39	138	44	117	36	111	30	109	33	51	12	62	14	71	15	127	23	144	37	108	29	88	33	1243	345
*																										94
1890	64	13	59	19	36	6	40	6	44	19	49	16	44	15	47	15	68	17	71	21	59	15	88	23	667	185
*		9		2		5		2		4				1		2		3		8		14		8		58
1891	55	20	68	25	65	22	70	23	50	22	24	11	43	14	40	13	78	15	96	84	81	23	101	27	771	249
*		10		5		7		6		3		3		5		3		4		19		15		10		90
1892	77	21	43	11	51	17	50	16	37	16	15	7	23	5	59	15	68	26	84	18	97	28	67	28	671	208
*		11		3		10		2		1		2		3		3		2		16		22		16		91
1893	63	34	77	19	81	31	52	19	39	16	26	10	21	9	41	18	48	18	60	28	60	22	45	18	613	242
*		16		13		16	19	8	11	9	7	3	5	5	12	7	11	7	37	23	31	23	24	14	157	144
1894	51	18	32	10	34	12	48	17	27	11	26	10	29	11	42	15	48	12	75	23	183	61	146	38	751	238
*	32	16	16	15	11	7	9	4	3	0	7	4	7	4	8	4	11	4	32	17	61	34	53	30	250	139
1895	145	37	101	26	107	25	96	22	119	31	77	23	132	41	155	36	330	60	615	87	583	73	417	55	2877	516
*	22	13	30	16	20	14	25	15	16	11	7	3	14	6	8	3	19	10	64	30	73	30	47	16	345	167
1896	296	48	191	29	185	21	144	21	67	11	75	14	62	15	72	8	148	28	159	25	190	29	186	30	1775	279
*	27	20	23	13	9	6	9	4	8	7	6	5	2	1	7	6	25	10	24	13	17	4	24	10	181	99
1897	147	17	71	10	98	1	92	10	17	14	81	8	37	3	50	8	102	13	159	23	259	34	217	32	1390	173
*	21	13	10	8	11	2	7	4	6	1	6	2	1	1	5	2	5	4	13	9	21	13	17	9	123	68
1898	139	17	130	21	104	9	75	10	68	8	40	5	41	6	41	3	79	10	147	12	184	26	153	27	1201	154
*	16	8	13	6	6	3	6	3	5	5	3	0	0	0	1	0	5	4	13	7	21	11	5	4	94	51
1899	114	15	101	11	98	16	72	11	87	15	65	12	48	10	61	8	159	14	217	22	286	29	291	29	1599	306
*	10	7	9	7	8	5	7	5	3	1	2	3	1	1	0	0	11	4	13	6	9	5	18	4	91	48
1900	244	3	237	21	205	28	169	20	221	25	243	25	150	20	229	25	230	24	414	42	473	41	461	40	3276	314
*	15	8	15	4	11	3	14	4	7	6	7	1	3	1	6	4	3	1	13	7	24	15	23	11	141	65
1901	377	34	272	28	247	29																			896	91
*	11	3	10	7	8	5																			29	15

* Croup.

TABLE NO. 7.

SHOWING SANITARY CONDITION OF PREMISES WHERE DIPHTHERIA EXISTED.

1900 AND 1901. MONTHS.	Sewer Connection.		Defective Plumbing.	Defective Sewering.	Full Privies.	Filthy Yards.	Filthy and Damp Cellars.	Tenement Houses.		Kind of Water used.			Premises where Wells and Cisterns are within 25 feet of Privies.	Premises where Privies, Yards and Water are used in Common.
	Yes.	No.						Yes.	No.	City.	Well.	Cistern.		
April	112	23	6	13	6	3	0	43	92	120	10	30	9	76
May	160	7	6	10	7	6	7	59	108	153	7	23	12	123
June	171	6	13	15	10	5	5	67	110	168	11	33	11	135
July	106	13	5	8	6	3	4	41	78	111	9	20	1	83
August	131	31	8	17	14	5	5	48	114	141	17	32	5	105
September	143	31	3	15	5	1	1	51	123	155	16	43	8	104
October	292	31	14	18	15	5	8	106	217	290	25	70	35	196
November	348	42	11	24	20	14	9	112	273	347	32	92	39	248
December	320	27	10	14	9	5	8	80	267	329	25	65	44	201
January	270	23	8	11	14	4	0	72	221	265	23	69	36	177
February	189	18	7	8	7	6	3	56	151	189	14	37	21	123
March	165	26	8	1	8	5	4	51	140	167	17	35	24	117
Total	2402	278	90	134	121	62	54	786	1894	2435	206	549	245	1688

TABLE NO. 8.

SHOWING SANITARY CONDITION OF PREMISES WHERE SCARLET FEVER EXISTED.

1900 AND 1901. MONTHS.	Sewer Connected.		Defective Plumbing.	Defective Sewering.	Full Privies.	Filthy Yards.	Filthy and Damp Cellars.	Tenement Houses.		KIND OF WATER USED.			Premises where wells and cisterns are within 25 feet of privies.	Premises where privies, yards and water are used in common.
	Yes.	No.						Yes.	No.	City.	Well	Cistern.		
April	44	4	3	3	0	1	1	7	41	45	1	5	1	25
May	65	5	1	1	3	0	0	11	59	67	3	13	2	33
June	48	5	0	2	2	0	0	8	45	49	2	6	1	31
July	24	4	1	0	2	0	0	10	18	25	1	7	0	18
August	32	0	0	1	1	0	0	5	27	32	2	7	2	18
September	51	10	3	2	1	1	0	12	49	52	8	21	3	32
October	91	8	1	1	1	2	0	18	81	86	10	22	6	53
November	71	9	5	2	6	0	0	18	62	74	9	21	12	44
December	84	6	3	0	0	1	1	19	71	88	5	14	7	49
January	81	11	1	0	1	0	0	18	74	84	5	17	6	48
February	45	5	0	0	0	1	1	10	40	45	3	8	1	24
March	62	6	1	1	3	1	1	12	56	61	5	8	5	30
Total	698	73	19	13	20	7	4	148	623	708	54	149	46	405

TABLE NO. 9.

SHOWING SANITARY CONDITION OF PREMISES WHERE TYPHOID FEVER EXISTED.

1900 AND 1901.	Sewer Connected.		Defec. Plumbing.	Defec. Sewering.	Full Privies.	Filthy Yards.	Filthy and Damp Cellars.	Tenement Houses.		Kind of Water used.			Premises where Well & Cistern are within 25 ft. of priv.	Premises where Privies, Yards and Water are Used in Common.
	Yes.	No.						Yes.	No.	City.	Well.	Cistern.		
April	29	0	1	2	0	0	0	8	21	28	2	2	2	14
May	20	3	1	6	0	0	0	0	23	19	1	6	3	5
June	18	0	0	3	0	0	0	3	15	17	2	3	1	5
July	28	2	0	0	0	0	0	7	23	26	2	7	2	18
August	88	8	1	6	4	1	1	27	69	94	8	21	4	43
September	183	13	6	21	11	4	2	19	177	180	3	25	6	61
October	199	12	15	19	7	4	4	38	173	198	6	30	15	22
November	90	7	4	9	4	1	2	20	77	92	4	15	8	46
December	80	6	3	4	1	1	0	11	75	84	2	9	2	34
January	56	5	1	1	3	0	0	9	52	60	2	10	3	15
February	39	3	0	0	1	0	0	8	34	40	2	2	0	16
March	23	1	0	0	0	1	0	2	22	23	1	4	3	8
Total	853	60	32	71	31	12	9	152	761	861	35	136	49	347

TABLE NO. 10.

SHOWING NUMBER OF HOUSES EXAMINED AND POSTED.

April.	May.	June.	July.	August.	September	October.	November.	December.	January.	February.	March.	Total.
254	305	294	199	299	412	687	577	606	498	329	330	4,790

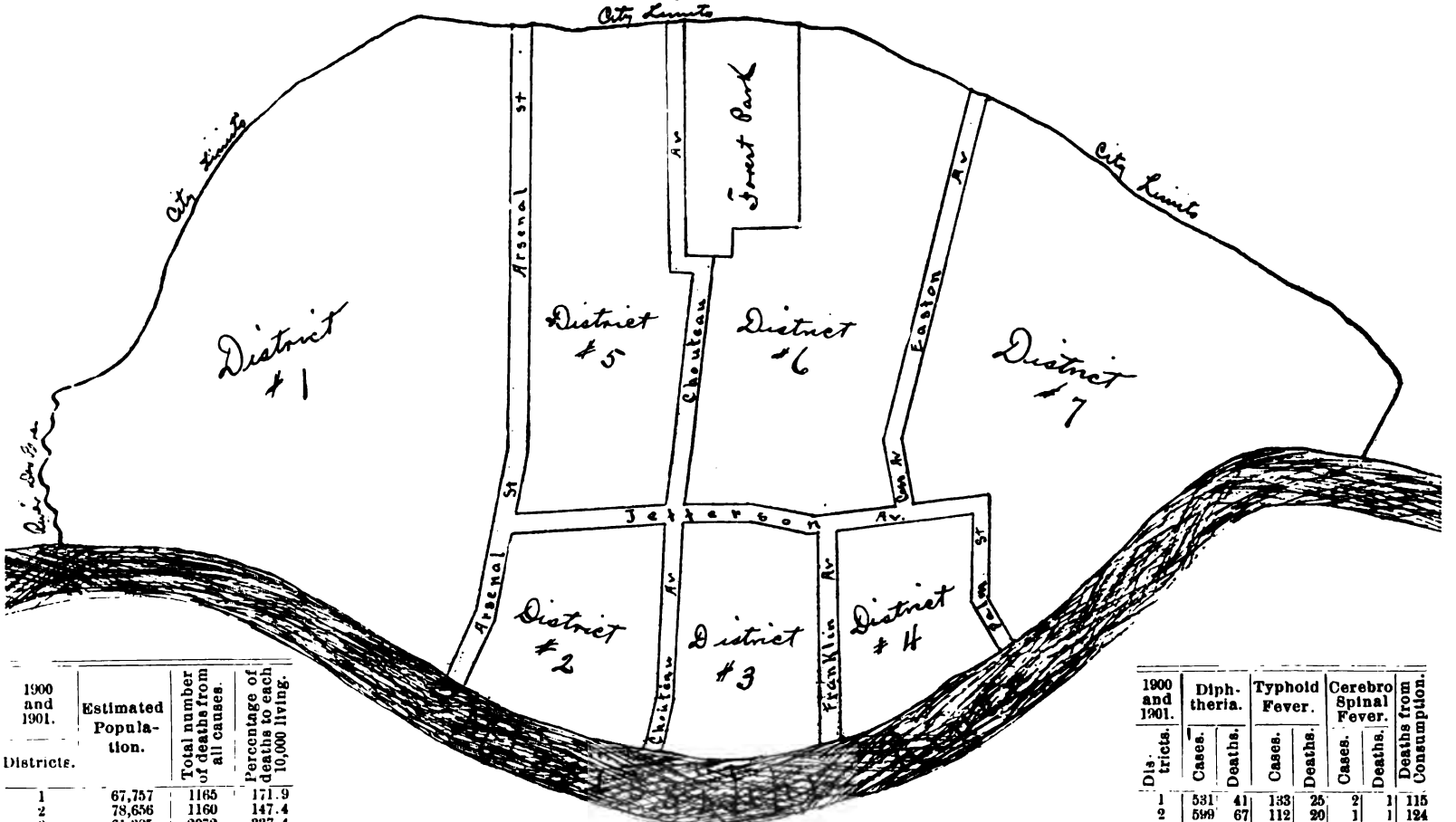
TABLE NO. 10.— *Continued.*

SHOWING NUMBER OF HOUSES DISINFECTED.

April.	May.	June.	July.	August.	September	October.	November.	December.	January.	February.	March.	Total.
242	250	286	220	226	221	385	457	566	497	357	437	4,146

TABLE NO. 11.

SHOWING BOUNDARIES OF SANITARY DISTRICTS.



1900 and 1901. Districts.	Estimated Population.	Total number of deaths from all causes.	Percentage of deaths to each 10,000 living.
1	67,757	1165	171.9
2	78,656	1160	147.4
3	61,395	2072	337 4
4	96,404	1598	165.06
5	61,781	1060	171
6	101,714	1370	134.6
7	107,528	1506	140
Total.....	575,238	9931	172.64

In the 3rd District is located the City Hospital and five private hospitals.

1900 and 1901.	Diphtheria.		Typhoid Fever.		Cerebro Spinal Fever.		Deaths from Consumption.
Districts.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	
1	531	41	133	25	2	1	115
2	599	67	112	20	1	1	124
3	265	31	167	22	1	1	320
4	709	67	126	23	3	3	117
5	326	28	175	11	2	1	115
6	396	43	339	36	4	4	119
7	660	76	108	24	1	1	106
Total	3486	353	1160	161	14	12	1016

TABLE NO. 14.

SHOWING CASES AND DEATHS FROM SMALLPOX; ALSO VACCINATION RECORD FOR THE PAST THIRTY-FOUR YEARS.

YEARS.	Cases.	Deaths.	Vaccination From Virus Supplied by Health Dept.	Persons Vaccinated by Physicians of the Health Dept.	REMARKS.
1867	89	18	.....	.....	Smallpox Hospital on Arsenal Island.
1868	10	1	10,600	.....	" " " " "
1869	502	240	.....	.....	Reports of cases not considered accurate.
1870	....	375	.....	.....	Admitted to Arsenal Island, 270, of whom 69 died.
1871	.....	9	.....	.....	48 cases sent to Quarantine, 7 deaths included in the 9.
1872	3,789	1,591	60,172	.....	
1873	.....	887	.....	.....	
1874	.....	447	.....	.....	
1875	.....	603	.....	.....	
1876	.....	90	.....	.....	Cases not reported.
1877	13	1	5,665	.....	
1878	.....	.....	4,011	.....	
1879	.....	.....	2,740	.....	
1880	9	.....	5,853	.....	
1881	.....	115	68,562	.....	14 deaths in the City and 101 at Quarantine.
1882	.....	41	5,380	.....	
1883	.....	233	32,277	.....	62 deaths in the City and 171 at Quarantine. 554 patients were sent to Quarantine.
1884	104	29	17,300	.....	All these cases were sent to Quarantine, and all deaths occurred there.
1885	3	.....	7,650	.....	
1886	.....	.....	4,398	.....	
1887	17	1	18,837	.....	All cases sent to Quar. and all deaths occurred there.
1888	90	10	34,000	.....	" " " " " "
1889	.....	.....	14,225	.....	" " " " " "
1890	52	5	33,760	.....	" " " " " "
1891	26	5	24,720	.....	" " " " " "
1892	.....	.....	11,401	.....	" " " " " "
1893	3	1	24,947	.....	" " " " " "
1894	229	49	75,195	.....	" " " " " "
1895	144	24	34,325	.....	" " " " " "
1896	1	.....	8,073	.....	" " " " " "
1897	5	3	17,650	.....	" " " " " "
1898	38	4	47,131	.....	" " " " " "
1899	135	1	42,950	27,474	" " " " " "
1900	217	6	33,960	14,335	" " " " " "

TABLE NO. 15.

SHOWING NUMBER OF NUISANCES FOUND BY SANITARY OFFICERS.

1900 AND 1901 MONTHS.	Full, Filthy and Defective Privies.	Filthy Yards.	Filthy Stables.	Filthy Dairies.	Premises in City Keeping Hogs.	Full and Filthy Boxes and Piles of Manure.	Filthy Slaughter Houses and Butcher Shops.	Filthy Cisterns.	Filthy Wells.	Damp and Filthy Cellars.	Ponds.	Broken & Defective Eave Troughs & Down Spouts.	Defective Drains and Sewers.	Defective Plumbing.	Filthy Premises.	Filthy Hide Houses.	Filthy Lodging Houses.	Filthy Private Alleys.	Filthy Lots.	Dairies Without Legal Catch Basins.	Total.
April	829	1,198	5	0	1	68	0	6	1	46	1	16	61	76	24	0	0	16	12	0	2,360
May	890	772	2	0	0	99	0	5	0	61	1	8	98	61	24	0	0	23	22	0	2,066
June	626	393	1	0	0	58	0	3	0	60	0	7	152	59	18	0	0	9	12	0	1,398
July	319	246	1	0	2	4	0	0	0	29	3	7	43	26	11	0	0	6	5	0	702
August	368	280	1	0	0	29	0	1	0	30	0	4	37	17	15	0	0	9	2	0	793
September	505	281	1	0	0	32	0	3	1	26	0	9	39	32	13	0	0	9	2	0	953
October	419	157	3	0	2	21	0	0	0	26	0	4	65	34	10	0	0	2	2	0	745
November	409	248	1	0	0	16	0	3	0	25	0	2	38	24	6	0	0	1	4	0	777
December	164	91	2	0	1	6	0	0	0	7	0	1	22	30	5	0	0	3	3	0	335
January	287	275	0	0	0	10	0	2	1	14	0	3	24	31	5	0	0	0	2	0	654
February	259	212	0	0	0	3	0	2	0	8	0	1	0	23	4	0	0	5	5	0	522
March	238	157	0	0	1	17	0	8	1	27	0	4	26	24	7	0	0	7	3	0	518
Total	5,311	4,310	17	0	7	363	0	33	4	359	5	66	605	437	142	0	0	90	74	0	11,823

TABLE NO. 16.

MISCELLANEOUS MATTER.

1900-1901. MONTHS.	Cases brought before the Board of Health.	Police Court Cases.	Premises with Defective Plumbing for which Reconstruction Orders were Issued.	Premises for which Sewer Orders were Issued.	Premises for which City Water was Recommended.	Complaints Received and Investigated.	Number of Notices Issued for Full, Filthy and Defective Privies	Number of Notices Issued for other Nuisances.	Notices to Parties having no Proper Garbage Receptacles	Tenement Houses Without City Water Supply.	Permits Issued to Vault Cleaners.	Fines Imposed for Maintaining Nuisances.	Notices Issued for Filthy Streets and Alleys, Reported to Street Dept.	Notices Issued for Nuisances in Alleys Rep'd to Police Dept.	Notices Issued for Obstructed Sewers, Rep'd to Sewer Dept.	Notices Issued for Defective and Leaking Water Pipes, Rep'd to Water Dept.	Notices Issued for Weeds.	Notices Issued for Defective Plumbing Reported to Supervisor of Plumbing.
April	83	12	27	23	0	124	1,047	1,789	0	0	216	$ 3 00	155	135	5	8	0	2
May	63	24	11	4	1	235	1,065	1,451	87	3	217	130 00	127	129	7	18	0	3
June	57	42	7	4	1	242	732	1,086	178	0	183	144 00	101	86	3	12	780	0
July	71	35	15	0	1	254	369	548	77	0	98	196 00	53	44	4	7	5,675	1
August	26	107	3	5	0	242	432	570	85	2	140	52 00	50	134	6	11	1,772	0
September	22	313	6	0	0	146	579	524	7	0	104	75 00	45	63	3	11	873	1
October	35	14	8	1	2	148	463	379	9	0	93	13 00	16	30	4	5	0	0
November	28	20	8	2	1	89	476	437	14	0	102	23 00	5	48	1	12	0	0
December	21	6	5	1	0	73	219	200	3	0	44	0	2	24	2	6	0	0
January	29	5	12	5	1	75	330	419	1	0	52	259 00	6	29	0	4	0	0
February	16	4	7	17	0	58	364	318	0	0	46	28 00	1	17	1	2	0	0
March	19	8	2	1	0	96	296	308	0	1	73	53 00	5	28	4	8	0	0
Total	470	590	111	63	7	1,782	6,303	8,029	461	6	1,368	$976 00	568	767	40	104	8,600	7

TABLE NO. 16—*Continued.*

SHOWING NUMBER OF COMPLAINTS MADE FOR NON-COLLECTION OF GARBAGE.

1900-1901.	April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	Total.
Reported by Sanitary Officers	71	149	153	131	230	149	62	45	40	27	21	40	1,118
Reported by Citizens	30	103	161	191	242	192	17	8	18	24	15	13	1,014
Total	101	252	314	322	472	341	79	53	58	51	36	53	2,132

TABLE NO. 17.

VETERINARY SURGEON'S EXAMINATION OF DAIRIES BY DISTRICTS.

1900-1901. Districts.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	Total.
1	30	5	28	35	25	16	23	18	22	23	22	4	251
2	17	21	5	18	20	8	12	11	20	17	12	3	164
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	1	3	0	0	0	0	0	0	0	0	0	4
5	11	14	18	11	14	15	10	20	8	19	12	6	158
6	0	0	26	0	23	4	0	15	3	9	0	34	114
7	57	42	35	65	25	56	40	25	30	45	27	18	465
Total..	115	83	115	129	107	99	85	89	83	113	73	65	1,156

TABLE NO 18.

SHOWING CASES BROUGHT IN POLICE COURT AND FINES IMPOSED.

1900 and 1901. MONTHS.	Full, Filthy and Defective Privy Vaults.	Filthy Drainage.	Failure to connect Vaults on Premises with Sewer.	Ponds of Stagnant Water.	Maintaining Dairies Illegally.	Untrapped Sinks.	Filthy Accumulation on Premises.	Failure to Drain, Clean and Disinfect Cellars.	Defective Plumbing.	Cleaning Vaults without Permits.	Maintaining Weeds.	Practicing Surgery without being Registered.	Failure to Report Contagious Diseases.	Exposing for Sale Tainted Meats.	Failure to Clean Filthy Cisterns.	Total Number of Cases.	Number of Cases Fined.	Nuisances Abated and Cases Nolle Prossed.	Cases Dismiss'd for Non Service and other Causes.	Cases Lost.	Cases Not Tried	Amount of Fines Imposed.
April	3	1	0	0	3	2	2	0	0	0	0	0	0	0	1	12	5	5	2	0	0	$ 8 00
May	16	0	0	0	1	0	7	0	0	0	0	0	0	0	0	24	7	10	7	0	0	130 00
June	15	0	3	0	3	0	6	2	1	0	0	0	0	0	0	30	3	16	11	0	0	144 00
July	22	8	0	0	1	1	9	0	4	0	2	0	0	0	0	47	7	27	10	3	0	196 00
August	5	0	0	0	0	0	3	0	0	0	25	0	0	0	0	35	4	68	23	0	0	52 00
September	152	0	0	0	0	0	2	1	2	0	28	0	0	0	0	185	3	162	20	0	0	75 00
October	6	1	0	2	0	0	1	0	4	0	0	0	0	0	0	14	1	10	2	1	0	13 00
November	2	14	0	0	2	0	1	1	0	0	0	0	0	0	0	20	0	5	14	1	0	28 00
December	4	0	0	0	0	0	1	0	0	0	0	1	1	0	0	8	2	4	2	0	0	0
January	2	0	0	0	2	0	0	0	0	0	0	0	1	0	0	5	3	2	0	0	0	259 00
February	2	0	0	0	1	0	1	0	0	0	0	0	0	0	0	4	0	4	0	0	0	28 00
March	3	0	0	0	0	0	0	0	0	0	0	0	4	1	0	8	1	0	2	0	5	53 00
Total	232	24	3	2	13	3	35	4	11	1	115	1	6	1	1	452	36	313	93	5	5	$976 00

TABLE NO. 19.

SUMMARY OF APPROPRIATIONS.

Salaries of Sanitary Officers, Inspectors and Fumigators	$50,000 00	
Office Expenses, Printing and Stationery, Keeping Horses, etc	9,000 00	
Disinfectants	16,000 00	
Horses and Wagons	450 00	
Total		$75,450 00

SUMMARY OF EXPENDITURES.

Salaries of Sanitary Officers, Inspectors and Fumigators	$49,995 17	
Office Expenses, Printing and Stationery, Keeping Horses, etc	8,950 55	
Disinfectants	15,871 11	
Horses and Wagons	450 00	
Total		$75,266 83

SUMMARY OF UNEXPENDED BALANCE.

Salaries of Sanitary Officers, Inspectors and Fumigators	$ 4 83	
Office Expenses, Printing and Stationery, Keeping Horses, etc	49 45	
Disinfectants	128 89	
Total		$ 183 17

TABLE NO. 20.

AMOUNT APPROPRIATED FOR SALARIES OF SANITARY OFFICERS, INSPECTORS, ETC., $50,000.

1900 AND 1901.	Chief Clerk and Sanitary Officers.	Inspectors.	Fumigators.	Total.
April	$1,525 00	$1,380 00	$1,362 25	$4,167 25
May	1,498 39	1,383 83	1,142 94	4,025 16
June	1,495 00	1,380 00	1,125 00	4,000 00
July	1,401 62	1,430 32	1,125 00	3,956 94
August	1,416 13	1,575 48	1,000 00	3,991 61
September	1,577 50	1,472 00	1,050 00	4,099 50
October	1,450 00	1,504 06	1,241 61	4,195 67
November	1,450 00	1,685 49	1,368 75	4,504 24
December	1,450 00	1,610 32	1,549 15	4,609 47
January	1,450 00	1,610.32	1,411 25	4,471 57
February	775 00	2,710 71	733 83	4,219 09
March	825 00	3,429 67	0 00	3,754 67
Total	$15,813 64	$21,172 20	$13,009 88	$49,995 17

Total amount expended	$49,995 17.
Unexpended balance	$4 83.

TABLE NO. 17.

VETERINARY SURGEON'S EXAMINATION OF DAIRIES BY DISTRICTS.

1900-1901. Districts.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	Total.
1	30	5	28	35	25	16	23	18	22	23	22	4	251
2	17	21	5	18	12	8	12	11	20	17	12	3	164
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	1	3	0	0	0	0	0	0	0	0	0	4
5	11	14	18	11	14	15	10	20	8	19	12	6	158
6	0	0	26	0	23	4	0	15	3	9	0	34	114
7	57	42	35	65	25	56	40	25	30	45	27	18	465
Total	115	83	115	129	107	99	85	89	83	113	73	65	1,156

TABLE NO 18.

SHOWING CASES BROUGHT IN POLICE COURT AND FINES IMPOSED.

1900 and 1901. MONTHS.	Full, Filthy and Defective Privy Vaults.	Filthy Drainage.	Failure to connect Vaults on Premises with Sewer.	Ponds of Stagnant Water.	Maintaining Dairies Illegally.	Untrapped Sinks.	Filthy Accumulation on Premises.	Failure to Drain, Clean and Disinfect Cellars.	Defective Plumbing.	Cleaning Vaults without Permits.	Maintaining Weeds.	Practicing Surgery without being Registered.	Failure to Report Contagious Diseases.	Exposing for Sale Tainted Meats.	Failure to Clean Filthy Cisterns.	Total Number of Cases.	Number of Cases Fined.	Nuisances Abated and Cases Nolle Prossed.	Cases Dism'd for Non Service and other Causes.	Cases Lost.	Cases Not Tried	Amount of Fines Imposed.
April	3	1	0	0	3	2	2	0	0	0	0	0	0	0	1	12	5	5	2	0	0	$ 3 00
May	16	0	0	0	1	0	7	0	0	0	0	0	0	0	0	24	7	10	7	0	0	130 00
June	15	0	3	0	3	0	6	2	1	0	0	0	0	0	0	30	8	16	11	0	0	144 00
July	22	8	0	0	1	0	2	0	4	0	2	0	0	0	0	47	7	27	10	3	0	196 00
August	5	0	0	0	0	0	5	0	0	0	85	0	0	0	0	95	4	68	23	0	0	52 00
September	152	0	0	0	0	0	2	1	2	0	28	0	0	0	0	185	3	162	20	0	0	75 00
October	6	1	0	2	0	0	1	0	4	0	0	0	0	0	0	14	1	10	2	1	0	15 00
November	2	14	0	0	2	0	1	1	0	0	0	0	0	0	0	20	0	5	14	1	0	25 00
December	4	0	0	0	0	0	1	0	0	1	0	1	1	0	0	8	2	4	2	0	0	0
January	2	0	0	0	2	0	0	0	0	0	0	0	1	0	0	5	3	2	0	0	0	259 00
February	2	0	0	0	1	0	1	0	0	0	0	0	0	0	0	4	0	4	0	0	0	28 00
March	3	0	0	0	0	0	0	0	0	0	0	0	4	1	0	8	1	0	2	0	5	53 00
Total	232	24	3	2	13	3	35	4	11	1	115	1	6	1	1	452	36	313	93	5	5	$976 00

TABLE NO. 19.

SUMMARY OF APPROPRIATIONS.

Salaries of Sanitary Officers, Inspectors and Fumigators	$50,000 00	
Office Expenses, Printing and Stationery, Keeping Horses, etc	9,000 00	
Disinfectants	16,000 00	
Horses and Wagons	450 00	
Total		$75,450 00

SUMMARY OF EXPENDITURES.

Salaries of Sanitary Officers, Inspectors and Fumigators	$49,995 17	
Office Expenses, Printing and Stationery, Keeping Horses, etc	8,950 55	
Disinfectants	15,871 11	
Horses and Wagons	450 00	
Total		$75,266 83

SUMMARY OF UNEXPENDED BALANCE.

Salaries of Sanitary Officers, Inspectors and Fumigators	$ 4 83	
Office Expenses, Printing and Stationery, Keeping Horses, etc	49 45	
Disinfectants	128 89	
Total		$ 183 17

TABLE NO. 20.

AMOUNT APPROPRIATED FOR SALARIES OF SANITARY OFFICERS, INSPECTORS, ETC., $50,000.

1900 AND 1901.	Chief Clerk and Sanitary Officers.	Inspectors.	Fumigators.	Total.
April	$1,525 00	$1,380 00	$1,262 25	$4,167 25
May	1,498 39	1,383 83	1,142 94	4,025 16
June	1,495 00	1,380 00	1,125 00	4,000 00
July	1,401 62	1,430 32	1,125 00	3,956 94
August	1,416 13	1,575 48	1,000 00	3,991 61
September	1,577 50	1,472 00	1,050 00	4,099 50
October	1,450 00	1,504 06	1,241 61	4,195 67
November	1,450 00	1,685 49	1,368 75	4,504 24
December	1,450 00	1,610 32	1,549 15	4,609 47
January	1,450 00	1,610.32	1,411 25	4,471 57
February	775 00	2,710 71	733 38	4,219 09
March	325 00	3,429 67	0 00	3,754 67
Total	$15,813 64	$21,172 20	$13,009 33	$49,995 17

Total amount expended ..... $49,995 17.
Unexpended balance ..... $4 83.

TABLE NO. 21.

OFFICE EXPENSES, PRINTING AND STATIONERY, KEEPING HORSES, ETC.

Amount appropriated		$9,000 00
Boarding horses	$3,469 67	
Printing and stationery	1,157 25	
Car tickets	1,120 00	
Postal cards and stamps	586 50	
Office expenses	482 16	
Horseshoeing	562 55	
Repairs to harness and vehicles	608 60	
Hiring horses and vehicles	677 50	
Harness	115 50	
Veterinary surgeon	170 82	
Total		$8,950 55
Unexpended Balance		$49 45

TABLE NO. 22.

Amount appropriated for horses and wagons	$450 00	
Four (4) horses	450 00	
Unexpended balance		$00 00

TABLE NO. 23.

DISINFECTANTS.

Amount appropriated for disinfectants		$13,000 00	
Additional appropriation		3,000 00	
Total amount appropriated			$16,000 00
Alcohol	5,316½ gals.	$4,725 38	
Crude carbolic acid	3,145 "	1,006 22	
Chloride of lime	1,300 lbs.	68 50	
Sulphuric acid	775 "	15 40	
Flour of sulphur	14,601 "	394 53	
Sanitas powder	2,174 "	96 32	
Sanitas fluid	51 gals.	17 50	
Copperas	36,650 lbs.	274 96	
Tin plates	10 gross	45 00	
Tripods	25 doz.	31 50	
Formalin	38,861 lbs.	8,670 43	
Tools		525 37	
Total amount expended			15,871 11
Unexpended balance			$ 128 89

TABLE NO. 24.

AMOUNT PURCHASED DURING THE FISCAL YEAR.

1900-1901.	Alcohol.	Crude Carbolic Acid.	Chloride of Lime.	Sulphuric Acid.	Flour of Sulphur.	Formalin.
Amounts purchased during fiscal year.	5,316 gals.	3,145 gals.	1,300 lbs.	775 lbs.	14,601 lbs.	38,861 lbs.
	$4,725 38	$1,006 22	$68 50	$15 40	$394 53	$8,670 43

1900-1901.	Santias Powder.	Sanitas Fluid.	Copperas.	Tin Plates.	Tripods.	Tools.
Amounts purchased during fiscal year.	2,174 lbs.	51 gals.	36,650 lbs.	10 Gross.	25 Doz.	
	$96 32	$17 50	$274 96	$45 00	$31 50	$525 3

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TABLE NO. 25.

DAIRIES—SHOWING THEIR STATUS AND CONDITION BY DISTRICTS.

DISTRICTS. 1900 and 1901.	No. of Dairies.	Cows.	Horses.	Premises Where Hogs Are Kept.	Kind of Water.			Well Only.	Cistern only.	Sewer Connected		What is Done with Drainage.						General Condition of.		
					City.	Well.	Cistern.			Yes.	No.	Into Sewer.	Onto Public Property.	Onto Private Property.	Into Creek.	Hauled.	Solid Hauled.	Good	Fair.	Bad.
1.....	113	2367	233	11	74	47	80	11	13	78	35	73	1	27	12	0	106	39	68	5
2.....	53	981	89	0	53	24	25	0	0	58	0	53	0	0	0	0	42	4	44	5
3.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4.....	6	107	13	0	4	5	3	0	0	6	0	6	0	0	0	0	1	0	6	0
5.....	61	1166	150	6	42	29	34	4	5	39	22	38	1	21	1	0	60	12	48	1
6.....	27	662	80	1	21	20	6	2	1	28	4	20	1	4	0	0	12	1	23	2
7.....	132	3269	361	24	87	94	74	14	4	50	82	38	1	16	67	4	60	6	116	7
Total.....	392	8552	926	42	281	219	222	31	23	249	143	228	4	68	80	4	281	62	300	20

TABLE NO. 26.

EXPERIMENT NUMBER 52.

Date, April 7th, 1899. Cubical Capacity of Room, 4,096.

Apparatus Used, Formalin with Steam. Old City Hall. Conditions of Atmosphere, Temp. before Experiment, 58; Temp. during Experiment, 72.

Name of Organism.	Mode of Preparation and Exposure.	Location in Room.	Time of Exposure.	Result, May 9, '99.	Control.
Diphtheria No. 1.....	In petri dish on woolen cloth under 2 folds of sheeting.	5 feet from floor.	5 hours.	No Growth.	Alive.
Typhoid No. 1.....	In petri dish on woolen cloth under 2 folds of sheeting.	5 feet from floor.	5 hours.	No Growth.	Alive.
Diphtheria No. 2.....	In petri dish on woolen cloth under 2 folds of woolen shirt.	On chair.	5 hours.	No Growth.	Alive.
Typhoid No. 2.	In petri dish on woolen cloth under 2 folds of woolen shirt.	On chair.	5 hours.	Growth.	Alive.

Moist. Quantity of Disinfectant used, 2 quarts of Formal and 4 quarts of Water, divided into 2 Steam Pots. Test objects prepared as usual (flannel strips).

REMARKS: In this experiment the covers were taken off the steam pots.

(Signed) CHARLES W. FRANCIS, Assistant Health Commissioner.

EXPERIMENT NUMBER 52.—*Continued.*

Date, April 7th, 1899. Cubical Capacity of Room, 4,096.

Apparatus Used, Formalin with Steam. Old City Hall. Conditions of Atmosphere, Temp. before Experiment, 58; Temp. during Experiment, 72.

Name of Organism.	Mode of Preparation and Exposure.	Location in Room.	Time of Exposure.	Result, May 9, '99.	Control.
Diphtheria No. 3.....	In petri dish on woolen cloth uncovered.	5 feet from floor.	5 hours.	No Growth.	Alive.
Typhoid No. 3.....	In petri dish on woolen cloth uncovered.	5 feet from floor.	5 hours.	No Growth.	Alive.
Diphtheria No. 4.....	In petri dish on woolen cloth uncovered.	On floor.	5 hours.	No Growth.	Alive.
Typhoid No. 4.....	In petri dish on woolen cloth uncovered.	On floor.	5 hours.	No Growth.	Alive.

Moist. Quantity of Disinfectant used, 2 quarts of Formalin and 4 quarts of Water divided into 2 Steam Pots.

REMARKS: In this experiment the covers were taken off the steam pots.

(Signed) CHARLES W. FRANCIS, Assistant Health Commissioner.

TABLE NO. 26.—*Continued.*

EXPERIMENT NUMBER 53.

Date, April 11th, 1899. Cubical Capacity of Room, 4,096.

Apparatus Used, Formalin with Steam. Old City Hall. Conditions of Atmosphere, Temp. before Experiment, 64; Temp. during Experiment, 81.

Name of Organism.	Mode of Preparation and Exposure.	Location in Room.	Time of Exposure.	Result, May 9, '99.	Control.
Diphtheria No. 1.....	In petri dish on woolen cloth uncovered.	5 feet from floor.	5½ hours.	No Growth.	Alive.
Typhoid No. 1.....	In petri dish on woolen cloth uncovered.	5 feet from floor.	5½ hours.	No Growth.	Alive.
Diphtheria No. 2.....	In petri dish on woolen cloth under 3 folds of cotton sheeting.	5 feet from floor.	5½ hours.	No Growth.	Alive.
Typhoid No. 2.....	In petri dish on woolen cloth under 3 folds of cotton sheeting.	5 feet from floor.	5½ hours.	No Growth.	Alive.

Moist. Quantity of Disinfectant used, 2¼ quarts of Formalin and 4 quarts of Water divided up into 2 pots.

REMARKS: Test objects:—Flannel strips prepared as usual. (AMAND RAVOLD.)

(Signed) CHARLES W. FRANCIS, Assistant Health Commissioner.

EXPERIMENT NUMBER 53.—*Continued.*

Date, April 11th, 1899. Cubical Capacity of Room, 4,096.

Apparatus Used, Formalin with Steam. Old City Hall. Conditions of Atmosphere, Temp. before Experiment, 64; Temp. during Experiment, 81.

Name of Organism.	Mode of Preparation and Exposure.	Location in Room.	Time of Exposure.	Result, May 9, '99.	Control.
Diphtheria No. 3	In petri dish on woolen cloth under heavy flannel coat.	On chair.	5½ hours.	No Growth.	Alive.
Typhoid No. 3.....	In petri dish on woolen cloth under heavy flannel coat.	On chair.	5½ hours.	No Growth.	Alive.
Diphtheria No. 4.....	In petri dish on woolen cloth uncovered.	On floor.	5½ hours.	No Growth.	Alive.
Typhoid No. 4.....	In petri dish on woolen cloth uncovered.	On floor.	5½ hours.	No Growth.	Alive.

Moist. Quantity of Disinfectant Used, 2¼ quarts of Formalin and 4 quarts of Water, divided up into 2 pots.

(Signed) CHARLES W. FRANCIS, Assistant Health Commissioner.

TABLE NO. 26.—*Continued.*

EXPERIMENT NUMBER 53.—*Continued.*

Date, April 11th, 1899. Cubical Capacity of Room, 4,096.

Apparatus Used, Formalin with Steam. Old City Hall. Conditions of Atmosphere, Temp. before Experiment, 64; Temp. during Experiment, 81.

Name of Organism.	Mode of Preparation and Exposure.	Location in Room.	Time of Exposure.	Result, May 9, '99.	Control.
Anthrax No. 1 (Spores)..	In petri dish on cover glass uncovered.	5 feet from floor.	5½ hours.	No Growth.	Alive.
Anthrax No. 2 (Spores)..	In petri dish on cover glass uncovered.	On floor.	5½ hours.	Growth.	Alive.
B. Janthinus No. 1	In petri dish on cover glass uncovered.	5 feet from floor.	5½ hours.	No Growth.	No Growth.
B. Janthinus No. 2	In petri dish on cover glass under 3 folds of cotton sheeting.	5 feet from floor.	5½ hours.	No Growth.	No Growth.

Moist. Quantity of Disinfectant used, 2½ quarts of Formalin and 4 quarts of Water, divided up into 2 Pots.

REMARKS: Anthrax and Janthinus on sterile cover glass prepared as usual. (AMOND RAVOLD.)

(Signed) CHARLES W. FRANCIS, Assistant Health Commissioner.

EXPERIMENT NUMBER 53.—*Continued.*

Date, April 11th, 1899. Cubical Capacity of Room, 4,096.

Apparatus Used, Formalin with Steam. Old City Hall. Conditions of Atmosphere, Temp. before Experiment, 64; Temp. during Experiment, 81.

Name of Organism.	Mode of Preparation and Exposure.	Location in Room.	Time of Exposure.	Result, May 9, '99.	Control.
B. Prodigiosus No. 1	In petri dish on wafer uncovered.	5 feet from floor.	5½ hours.	No Growth.	Alive.
B. Prodigiosus No. 2	In petri dish on wafer under 3 folds of cotton sheeting.	5 feet from floor.	5½ hours.	No Growth.	Alive.
B. Pyocaneus No. 1	In petri dish on wafer uncovered.	5 feet from floor.	5½ hours.	No Growth.	Alive.
B. Pyocaneus No. 2	In petri dish on wafer under 3 folds of cotton sheeting.	5 feet from floor.	5½ hours.	No Growth.	Alive.

Moist. Quantity of Disinfectant used, 2½ quarts of Formalin and 4 quarts of Water divided up into 2 pots.

(Signed) CHARLES W. FRANCIS, Assistant Health Commissioner.

TABLE NO. 26.—*Continued.*

EXPERIMENT NUMBER 53.—*Continued.*

Date, April 11th, 1899. Cubical Capacity of Room, 4,096.

Apparatus Used, Formalin with Steam. Old City Hall. Conditions of Atmosphere, Temp. before Experiment, 64; Temp. during Experiment, 81.

Name of Organism.	Mode of Preparation and Exposure.	Location in Room.	Time of Exposure.	Result.	Control.
Staph. Pyogenes Citreus No. 1	In petri dish on wafer uncovered.	5 feet from floor.	5½ hours.	No Growth.	Growth.
Staph. Pyogenes Citreus No. 2	In petri dish on wafer under light woolen cloth.	2 feet from floor.	5½ hours.	No Growth.	Growth.

Moist. Quantity of Disinfectant used, 2¾ quarts of Formalin and 4 quarts of Water, divided up into 2 pots.

(Signed) CHARLES W. FRANCIS, Assistant Health Commissioner.

EXPERIMENT NUMBER 54.

Date, April 28th, 1899. Cubical Capacity of Room, 4,096.

Apparatus Used, Formalin in Open Pots. Old City Hall. Conditions of Atmosphere, Temp. before Experiment, 74; Temp. during Experiment, 86.

Name of Organism.	Mode of Preparation and Exposure.	Location in Room.	Time of Exposure.	Result. May 9, '99.	Control.
Diphtheria No. 1	In petri dish on cotton cloth under *6 folds* of cotton cloth.	5 feet from floor.	5 hours.	Growth.	Growth.
Typhoid No. 1	In petri dish on cotton cloth under *6 folds* of cotton cloth.	5 feet from floor.	5 hours.	No Growth.	Growth.
Anthrax No. 1	In petri dish on glass cover under *6 folds* of cotton cloth.	5 feet from floor.	5 hours.	Growth.	Growth.
Subtilis No. 1	In petri dish on glass cover under *6 folds* of cotton cloth.	5 feet from floor.	5 hours.	No Growth.	Growth.

Moist. Quantity of Disinfectant used, 6¾ quarts of Water and 3¾ quarts of Formalin in 8 pots.

REMARKS: Test objects:—Flannel strips prepared as usual. (AMAND RAVOLD.)

(Signed) CHARLES W. FRANCIS, Assistant Health Commissioner.

TABLE NO. 26.—*Continued.*

EXPERIMENT NUMBER 54.—*Continued.*

Date, April 28th, 1899. Cubical Capacity of Room, 4,096.

Apparatus Used, Formalin in Open Pots. Old City Hall. Conditions of Atmosphere, Temp. before Experiment, 74; Temp. during Experiment, 86.

Name of Organism.	Mode of Preparation and Exposure.	Location in Room.	Time of Exposure.	Result, May 9, '99.	Control.
Diphtheria No. 2	In petri dish on cotton cloth uncovered.	5 feet from floor.	5 hours.	No Growth.	Growth.
Typhoid No. 2	In petri dish on cotton cloth uncovered.	5 feet from floor.	5 hours.	No Growth.	Growth.
Anthrax No. 2.....	In petri dish on glass cover uncovered.	5 feet from floor.	5 hours.	No Growth.	Growth.
Subtilis No. 2.....	In petri dish on glass cover uncovered.	5 feet from floor.	5 hours.	No Growth.	Growth.

Moist. Quantity of Disinfectant used, 6¾ quarts of Water and 3¾ quarts of Formalin in 3 pots.

(Signed) CHARLES W. FRANCIS, Assistant Health Commissioner.

EXPERIMENT NUMBER 54.—*Continued.*

Date, April 28, 1899. Cubical Capacity of Room, 4,096.

Apparatus Used, Formalin in Open Pots. Old City Hall. Conditions of Atmosphere, Temp. before Experiment, 74; Temp. during Experiment, 86.

Name of Organism.	Mode of Preparation and Exposure.	Location in Room.	Time of Exposure.	Result, May 9, '99.	Control.
Diphtheria No. 3	In petri dish on cotton cloth uncovered.	On floor.	5 hours.	No Growth.	Growth.
Typhoid No. 3.....	In petri dish on cotton cloth uncovered.	On floor.	5 hours.	No Growth.	Growth.
Anthrax No. 3.	In petri dish on glass cover uncovered.	On floor.	5 hours.	Growth.	Growth.
Subtilis No. 3.	In petri dish on glass cover uncovered.	On floor.	5 hours.	No Growth.	Growth.

Moist. Quantity of Disinfectant used, 6¾ quarts of Water and 3¾ quarts of Formalin in 3 pots.

(Signed) CHARLES W. FRANCIS. Assistant Health Commissioner.

TABLE NO. 26.—*Continued.*

EXPERIMENT NUMBER 54.—*Continued.*

Date, April 28th, 1899. Cubical Capacity of Room, 4,096.
Apparatus Used, Formalin in Open Pots. Old City Hall. Conditions of Atmosphere, Temp. before Experiment, 74; Temp. during Experiment, 86.

Name of Organism.	Mode of Preparation and Exposure.	Location in Room.	Time of Exposure.	Result, May 9, '99.	Control.
Diphtheria No. 4.....	In petri dish on cotton cloth under *8 folds* of cotton cloth.	5 feet from floor.	5 hours.	No Growth.	Growth.
Typhoid No. 4	In petri dish on cotton cloth under *8 folds* of cotton cloth.	5 feet from floor.	5 hours.	No Growth.	Growth.

Moist. Quantity of Disinfectant used, 6¾ quarts of Water and 3¾ quarts of Formalin in 3 pots.

(Signed) CHARLES W. FRANCIS, Assistant Health Commissioner.

EXPERIMENT NUMBER 55.

Date, July 25th, 1900. Cubical Capacity of Room, 1,530 cubic feet.
Apparatus used, Formalin and Steam. Old City Hall. Conditions of Atmosphere, Temp. before Experiment, 71; Temp. during Experiment, 94.

Name of Organism.	Mode of Preparation and Exposure.	Location in Room.	Time of Exposure.	Result, Dec. 9th.	Control.
Tuberculosis No. 1	In petri dish on flannel strips uncovered.	On table.	6 hours.	Guinea Pigs still alive.	Control died Sept. 16th. Post-mortem showed general Tuberculosis.
Tuberculosis No. 2.....	In petri dish on flannel strips uncovered.	On floor.	6 hours.	Guinea Pigs still alive.	
Diphtheria No. 1.....	In petri dish on cover slips under 8 folds of linen cloth.	On table.	6 hours.	3 tubes, Growth in 2 tubes.	Growth.
Diphtheria No. 2.....	In petri dish on cover slips uncovered.	On floor.	6 hours.	No growth.	

Moist. Quantity of Disinfectant used, 1 quart of Formalin in 1¾ quarts of Water; 1¼ gallon of Water on fire pot for steam. Amount of Alcohol used in fire pot under Formalin, 9-16 of a quart.

REMARKS: Test objects for Tuberculosis were prepared from sputum containing B. Tuberculosis in large numbers. Small strips of flannel were immersed in the sputum, then dried for 48 hours in an incubator at 37 degrees C.; then submitted in open petri dishes to Formaldehyde Disinfection; after disinfection tubercle sputum slips were soaked in water and this water was injected into Guinea Pigs. Also a control was injected into a Guinea Pig. (Sept. 16th. Control Pig died. Post-mortem showed general Tuberculosis.) Dec. 9th, all other Guinea Pigs alive and not diseased, showing that the B. Tuberculosis in the sputum were killed by the disinfection. (AMAND RAVOLD.)

(Signed) CHARLES W. FRANCIS, Assistant Health Commissioner.

TABLE NO. 26.—*Continued.*

EXPERIMENT NUMBER 55.—*Continued.*

Date, July 25th, 1900. Cubical Capacity of Room, 1,530 cu. ft.

Apparatus Used, Formalin and Steam. Old City Hall. Conditions of Atmosphere, Temp. before Experiment, 74; Temp. during Experiment, 94.

Name of Organism.	Mode of Preparation and Exposure.	Location in Room.	Time of Exposure.	Result.	Control.
Typhoid No. 1.	In petri dish on cover slips under *3 folds of linen cloth.*	On table.	6 hours.	Growth.	Growth.
Typhoid No. 2.	In petri dish on cover slips uncovered.	On floor.	6 hours.	No Growth.	Growth.
Anthrax (spores).	In petri dish on cover slips uncovered.	On table.	6 hours.	Growth in 2 tubes, no growth in 4 tubes.	Growth.

Moist. Quantity of Disinfectant used, 1 quart of Formalin in 1¾ quarts of water; 1½ gallons water on fire pot for steam. Amount of Alcohol used in fire pot under Formalin, 9-16 of a quart.

REMARKS: Test objects were cover slips smeared with 48-hour old broth cultures of B. Diphtheria, B. Typhosus and B. Anthraxis, showing spores. After disinfection cover slips were put in 10 C. C. of broth in test tubes, inoculated at 37 degrees C. for 14 days with above results.

(Signed) AMAND RAVOLD, Bacteriologist.
(Signed) CHARLES W. FRANCIS, Assistant Health Commissioner.

EXPERIMENT NUMBER 56.

Date, November 21st, 1900. Cubical Capacity of Room, 1,530.

Apparatus Used, Formalin with Steam. Old City Hall. Conditions of Atmosphere, Temp. before Experiment, 65; Temp. during Experiment, 78.

Name of Organism.	Mode of Preparation and Exposure.	Location in Room.	Time of Exposure.	Result, Dec. 9th.	Control.
Scarlet Fever No. 1. Class. Diplococcus.	In petri dish on cover glass uncovered.	On table 3 feet from floor.	6 hours.	No Growth.	Growth.
Diphtheria No. 1.	In petri dish on cover glass uncovered.	On table 3 feet from floor.	6 hours.	No Growth.	Growth.
Typhoid Fever No. 1.	In petri dish on cover glass uncovered.	On table 3 feet from floor.	6 hours	No Growth.	Growth.
Scarlet Fever No. 2. Class. Diplococcus.	In petri dish on cover glass under 3 folds of cotton cloth.	On table 3 feet from floor.	6 hours.	No Growth.	Growth.
Diphtheria No. 2.	In petri dish on cover glass under 3 folds of cotton cloth.	On table 3 feet from floor.	6 hours.	No Growth.	Growth.
Typhoid Fever No. 2.	In petri dish on cover glass under 3 folds of cotton cloth.	On table 3 feet from floor.	6 hours.	No Growth.	Growth.

Moist with 6 quarts of water. Quantity of Disinfectant used, 1¾ quarts of water and 1 quart of Formalin; 9-16 of a quart of Alcohol used in lamp under Formalin.

REMARKS: Test objects:—Cover slips smeared with broth cultures of virulent cultures of B. Diphtherial, Park No. 8, B. Typhosus 48 hours old and a Diplococcus obtained from Dr. Class of Chicago, claimed by him to be the cause of Scarlet Fever. Cover slips after disinfection exposed in open petri dishes were put into 10 C. C. of sterile broth in test tubes and incubated at 37 degrees C. until present date, Dec. 9th, all bacteria were killed.

(Signed) AMAND RAVOLD, Bacteriologist.
(Signed) CHARLES W. FRANCIS, Assistant Health Commissioner.

III.

CITY DISPENSARY.

Table No. 1. Showing medical and surgical service.
Table No. 2. Showing hospital admissions.
Table No. 3. Showing admission of insane patients.
Table No. 4. Showing vaccinations made.
Table No. 5. Showing ambulance service.
Table No. 6. Showing financial exhibit.
Table No. 7. Showing classified statement of diseases treated in city jail, for year ending March 31, 1901.
Tables Nos. 8–19 (inclusive). Showing classified statement of diseases treated, by months, for year ending March 31, 1901.
Table No. 20. Showing classified statement of diseases treated during year ending March 31, 1901.

TABLE NO. 1.

MEDICAL AND SURGICAL SERVICE.

MONTH.	MEDICAL. Central.	Br. 1.	Br. 2.	Total.	SURGICAL. Central.	Br. 1.	Br. 2.	Total.
April	2,058	219	186	2,463	422	181	150	753
May	1,648	178	179	1,955	705	208	187	1,150
June	1,598	196	111	1,905	698	197	199	1,094
July	1,481	153	136	1,770	605	249	211	1,665
August	1,615	192	190	1,997	584	240	185	1,009
September	1,432	208	135	1,775	541	279	106	926
October	1,667	200	87	1,954	513	210	147	870
November	1,374	134	90	1,598	432	139	115	686
December	1,542	154	88	1,784	620	134	70	824
January	2,058	193	132	2,383	406	169	102	677
February	1,907	123	96	2,126	331	172	93	596
March	1,932	127	116	2,175	505	151	102	758
Total	20,312	2,077	1,546	23,935	6,362	2,329	1,667	10,358

Total, Medical	23,885
Total, Surgical	10,358
Grand Total	34,243

TABLE NO. 2.

HOSPITAL ADMISSIONS.

MONTHS.	CITY HOSPITAL. Central.	Br. 1.	Br. 2.	Total	FEMALE HOSPITAL. Central.	Br. 1.	Br. 2.	Total	SMALL POX HOSPITAL. Central.	Br. 1.	Br. 2.	Total
April	727	49	44	820	193	0	3	196	23	0	0	23
May	723	42	36	801	159	0	0	159	12	0	0	12
June	606	59	46	711	165	0	0	165	11	9	0	11
July	739	30	47	816	220	0	0	220	3	0	0	3
August	783	27	36	796	229	0	1	230	1	0	0	1
September	634	43	33	710	142	0	2	144	4	0	0	4
October	636	47	25	708	190	0	1	191	4	0	0	4
November	619	40	24	670	177	0	1	178	8	0	0	8
December	700	44	18	762	172	0	0	172	23	0	0	23
January	639	40	35	714	168	0	4	172	38	0	0	38
February	619	45	20	684	181	0	3	184	37	0	0	37
March	668	55	27	750	154	0	1	155	60	0	0	60
Total	8,030	521	391	8,942	2,150	0	16	2,166	224	0	0	224

Total, City Hospital	8,942
Total, Female Hospital	2,166
Total, Small Pox Hospital	224
Grand Total	11,332

TABLE NO. 3.

ADMISSION OF INSANE PATIENTS.

	Persons Arrested by Police, Supposed to be Insane and sent to City Hosp. for observation.	Number of such cases sent to Insane Asylum.	Recommended to Board of Health for admission to Insane Asylum.	Admitted through City Dispensary, upon applying for Hos. admission.	Patients visited in City Jail by Chief Dispensary Physician.	Smallpox reports Investigated by Chief Dispensary Physician.
April	33	22	11	3	149	60
May	25	20	7	4	110	28
June	25	13	8	1	84	16
July	35	25	10	0	103	5
August	22	24	14	3	126	1
Sept.	36	16	12	4	155	6
Oct	45	22	9	2	189	5
Nov	38	19	7	2	224	5
Dec	49	23	10	3	198	38
Jan	37	12	2	4	217	36
Feb	41	16	2	6	239	50
March	49	26	2	8	128	80
Total	435	238	94	40	1,922	330

TABLE NO. 4.

VACCINATIONS.

	Number Visited.	Primary.	Re-vaccinated.	Total.
Central Dispensary	.....	877	1,954	2,231
Branch No. 1	.....	139	146	285
Branch No. 2	.....	203	311	514
City Jail	.....	517	266	783
Calaboose	.....	86	187	273
Tenements	720	580	714	1,294
Schools	133	7,533	1,801	9,334
Mercantile Establishments	30	729	1,134	1,863
Hotels	3	6	28	34
Hospitals	1	2	2	4
Orphans' Homes	1	20	18	38
R. R. Mail Service	1	5	14	19
Fair Grounds	1	34	34	68
Summer Gardens	1	3	38	41
	....	10,384	6,647	17,481

TABLE NO. 5.

AMBULANCE SERVICE.

	CENTRAL.		BR. NO. 1.		BR. NO. 2.		WEST END.		
	Calls.	Miles.	Calls.	Miles.	Calls.	Miles.	Calls.	Miles.	Total.
April	753	2,444	72	408 6-7	74	405 1-7	51	349 6-7	C. 950 M. 3,607 6-7
May	801	2,314 5-7	67	410 4-7	96	512 1-7	59	399 3-7	C. 1,023 M. 3,636 6-7
June	656	2,132 2-7	96	556 3-7	79	454 6-7	42	293 2-7	C. 873 M. 3,436 6-7
July	799	2,207 1-7	59	346 3-7	82	494 5-7	35	239 1-7	C. 975 M. 3,287 3-7
August	789	2,122	63	328 2-7	86	534 3-7	40	291 1-7	C. 978 M. 3,275 6-7
September	652	1,898 2-7	67	395	82	528 1-7	50	295 1-7	C. 851 M. 3,116 4-7
October	660	1,872 4-7	61	378 4-7	58	348 5-7	36	240 1-7	C. 815 M. 2,840
November	551	1,648	53	373 3-7	71	452 2-7	48	375 2-7	C. 723 M. 2,829
December	671	2,079 6-7	68	392 2-7	58	388 4-7	57	386 1-7	C. 854 M. 3,246 6-7
January	640	2,274 1-7	71	541 1-7	87	531 1-7	54	345 1-7	C. 852 M. 3,691 4-7
February	666	2,250 1-7	70	340	83	456 1-7	67	391 1-7	C. 886 M. 3,437 3-7
March	688	2,945 4-7	120	456 2 7	113	668 6-7	81	503 1-7	C. 1,002 M. 4,563 6-7
	8,326	26,188 5-7	867	4,927 2-7	969	5,745 1-7	620	4,109	

Total number calls 10,781
Total number miles 40,670 1-7

TABLE NO. 6.

FINANCIAL.

Salaries, Central	$17,847 97
Salaries, Branches	8,267 50
Salaries, physicians temporarily employed	2,280 71
Rent of rooms	1,399 92
Horses	800 00
New ambulances	735 00
Charity prescriptions	69 50
Drugs, medicines and instruments	2,586 28
Stabling horses	6,060 24
Shoeing horses	935 67
Repairs ambulances, etc	1,593 80
Repairing harness	217 45
Office expenses	658 06
Printing and stationery	453 25
Temporary help	328 00
Ice	177 15
Coal	201 95
Car tickets	250 00
Total expenditures	$44,861 95
Balance of appropriation	228 05
	$45,090 00

TABLE NO. 7.

DISEASES TREATED IN JAIL DURING YEAR ENDING MARCH 31, 1901.

Abscesses	11	Habit, Cocaine	6
Adenitis	18	Habit, Morphine	79
Alcoholism	13	Haemoptysis	1
Amenorrhoea	1	Heart Disease, Functional	5
Anaemia	27	Hear tDisease, Organic	15
Ascitis	2	Hemorrhages	2
Asthma	1	Hemorrhoids	16
Bitis	6	Hepatitis	17
Bronchitis	263	Hernia	6
Burns	3	Herpes Zoster	4
Carbuncles	2	Hysteria	2
Catarrh, Nasal	4	Insomnia	5
Cellulitis	6	Intestinal Colic	44
Cephalalgia	19	La Grippe	11
Conjunctivitis	6	Laryngitis	3
Constipation	196	Lumbago	42
Coryza	1	Necrosis	1
Cystitis	17	Nephritis	12
Dermatitis	9	Neuralgia	11
Diabetes	1	Neurasthenia	2
Diarrhoea	13	Neurosis	1
Diphtheria	2	Odontalgia	11
Dysentery	1	Otalgia	1
Dysmenorrhoea	2	Otitis Media	9
Dyspepsia	15	Ovaritis	1
Eczema	11	Parotiditis	2
Endo Metritis	4	Pediculosis	6
Enteritis	27	Pharyngitis	35
Epididimitis	9	Phthisis Pulmonalis	32
Epilepsy	2	Pleurisy	32
Fevers, Malarial	186	Pleurodynia	17
" Remittant	1	Pneumonia	4
Fistula	2	Pyrosis	1
Foreign Bodies Removed	2	Rheumatism	46
Fractures	3	Rubeola	1
Furuncles	3	Scabies	6
Gangrene	1	Sciatica	1
Gastralgia	1	Scrofula	1
Gastritis	9	Sprains	8
Gastro Enteritis	2	Strictures	4
Gonorrhoea	100	Syphilis	137

Tonsilitis	59
Toxemia	1
Ulcers	22
Urethritis	3
Urticara	3
Uterine	7
Vaccinia	57
Varicocele	1
Vertigo	4
Wounds, Contused	19
" Gunshot	15
" Incised	12
" Lacerated	16
" Penetrating	1
" Punctured	1
" Scalp	59
	1922

TABLE NO. 8.

APRIL, 1900.

DIAGNOSIS.	Central.	Branch No. 1.	Branch No. 2.	Total.
Abrasions	4	....	....	4
Abscesses	7	4	5	16
Acne	2	....	....	2
Adenitis	5	....	....	5
Alcoholism	39	7	5	51
Anaemia	13	....	....	13
Anasarca	....	3	....	3
Anthrax	1	....	....	1
Asthma	13	2	5	20
Bites, dog	22	4	9	35
" horse	1	....	....	1
" man	2	....	....	2
Bronchitis	458	22	42	492
Burns	13	4	10	27
Bursitis	4	....	....	4
Carbuncles	....	....	5	5
Caries	1	....	....	1
Catarrh, gastric	6	....	....	6
Catarrh, nasal	2	....	....	2
Cellulitis	15	....	16	31
Cephalagia	11	....	....	11
Cirrhosis	1	....	....	1
Colica pictonum	1	....	...	1
Colic, infantile	1	1	....	2
Concussion of brain	1	....	....	1
Congestion of lungs	1	....	....	1
Conjunctivitis	5	4	....	9
Constipation	194	26	6	226
Coryza	....	6	....	6
Cystitis	7	2	9	18
Debility	11	....	5	16
Dentition	1	....	....	1
Dermatitis	3	....	....	3
Diabetes	1	....	....	1
Diarrhoea	17	12	10	39
Diphtheria	2	....	....	2
Dislocations	2	....	4	6
Dysentery	9	....	....	9
Dysmenorrhoea	2	2	....	4
Dyspepsia	3	....	....	3
Eczema	8	6	9	23
Enteritis	16	4	....	20
Entero-colitis	2	....	....	2
Epilepsy	20	2	....	22
Epistaxis	6	....	....	6
Erysipelas	2	....	4	6
Excoriations	1	....	....	1
Extraction of teeth	2	5	....	7
Fever, malarial	443	42	21	506
" remittent	....	....	10	10
" typhoid	5	....	....	5
Foreign bodies rem'vd	13	5	10	28
Fractures	35	9	8	52
Frost bites	1	....	....	1
Furuncles	5	3	....	8
Gastralgia	1	....	....	1
Gastritis	15	2	5	22
Habit, morphine	1	....	....	1
Heart, funct'al dis. of	5	....	....	5
" organic "	5	....	....	5
Hemorrhoids	11	5	....	16
Hemiplegia	1	....	....	1
Hepatitis	8	3	....	11
Herpes zoster	3	....	....	3
Hysteria	....	....	3	3
Indigestion	2	2	....	4
Inflammation	4	....	....	4
Insomnia	1	....	....	1
Intestinal colic	1	....	....	1
LaGrippe	23	6	10	39
Laryngitis	10	....	....	10
Locomotor ataxia	3	....	....	3
Lumbago	34	6	....	40
Lymphangitis	1	....	....	1
Menorrhagia	1	....	....	1
Metritis	2	....	....	2
Nephritis	10	....	7	17
Neuralgia	21	8	9	38
Neurasthenia	3	....	....	3
Neuritis	2	....	....	2
Neurosis	....	1	....	1
Odontalgia	2	....	....	2
Oedema	....	1	....	1
Onychia	1	....	....	1
Otitis media	2	1	....	3
Ovaritis	1	....	....	1
Paralysis	3	....	....	3
Paroditis	2	4	....	6
Pediculosis	11	....	....	11
Pertusis	2	....	....	2
Periostitus	2	....	....	2
Pharyngitis	6	....	....	6
Phthisis pulmonalis	24	....	7	31
Pleurisy	51	....	....	51
Pneumonia	9	....	....	9
Poisoning, ivy	2	....	....	2
" lead	2	....	....	2
Pruritis	1	....	....	1
Ptyalism	....	1	....	1
Ranula	1	....	....	1
Retention of urine	....	2	....	2
Rhinitis	1	....	....	1
Rheumatism	175	31	16	222
Rubeola	1	....	....	1
Scabies	6	....	....	6
Sciatica	1	....	....	1

DIAGNOSIS.	Central.	Branch No. 1.	Branch No. 2.	Total.
Scrofula	1	....	....	1
Senility	5	....	....	5
Sprains	35	8	6	49
Stomatitis	....	2	....	2
Strictures	1	....	....	1
Syphilis	4	....	7	11
Taenica solium	3	...	....	3
Tinae circinati	....	1	....	1
Tonsilitis	73	2	9	84
Toxaemia	2	....	....	2
Ulcers	91	....	5	96
Uraemia	1	....	....	1
Urethritis	1	....	....	1
Uterine	3	....	....	3
Vaccinia	5	....	....	5
Vaccine sores	6	8	....	14
Varicocele	1	....	....	1
Varicose veins	1	....	....	1
Vertigo	6	....	....	6
Varicella	1	....	....	1
Whitlow	1	....	....	1
Wounds, contused	81	26	16	123
" gunshot	7	1	6	14
" incised	26	9	11	46
" infected	15	26	11	52
" lacerated	111	46	17	174
" punctured	12	4	12	28
" scalp	73	19	16	108
	2480	400	336	3216

TABLE NO. 9.

MAY, 1900.

DIAGNOSIS.	Central.	Branch No. 1.	Branch No. 2.	Total.
Abrasions	2	....	....	2
Abscesses	9	5	14	28
Adenitis	3	....	....	3
Alcoholism	57	6	7	70
Amputations	1	....	....	1
Anaemia	23	....	....	23
Anasarca	1	....	....	1
Anchylosis	1	....	....	1
Appendicitis	1	....	....	1
Asthma	8	6	4	18
Bites, cat	1	....	....	1
" dog	31	14	18	63
" insect	3	1	....	4
" horse	....	....	....	1
" man	5	....	....	5
Bronchitis	129	10	17	156
Burns	27	11	6	44
Bursitis	1	....	....	1
Cancer	1	....	....	1
Carbuncles	....	1	....	1
Catarrh, gastric	4	....	....	4
" nasal	1	1	....	2
Cellulitis	24	....	10	34
Cephalalgia	8	....	....	8
Cholera Infantum	1	....	....	1
Chorea	5	....	....	5
Cirrhosis	1	....	....	1
Concussion of brain	1	....	....	1
Conjunctivitis	10	1	....	11
Constipation	219	10	7	236
Coryza	1	....	....	1
Cystitis	15	1	....	16
Debility	29	13	....	42
Dermatitis	1	....	....	1
Diabetes	1	....	....	1
Diarrhoea	22	2	15	39
Diphtheria	2	....	....	2
Dislocations	11	....	3	14
Dysentery	3	2	....	5
Dysmenorrhoea	1	....	....	1
Dyspepsia	2	1	....	3
Eczema	10	7	6	23
Enteralgia	1	....	....	1
Enteritis	21	4	....	25
Entero-colitis	3	....	....	3
Epididimitis	1	....	....	1
Epilepsy	16	....	5	21
Epistaxis	10	1	....	11
Erythema	5	....	....	5
Erysipelas	3	2	....	5
Excoriations	2	....	....	2
Extraction of teeth	2	5	....	7
Fevers, malarial	342	54	24	420
" remittent	3	....	10	13
Foreign bodies rem'd	18	11	16	45
Fractures	33	8	8	49
Frost bites	1	....	....	1
Furuncles	5	....	....	5
Gastralgia	1	1	....	2
Gastritis	29	5	....	34
Gastro-enteritis	2	....	....	2
Habit, morphine	1	....	....	1
Haematemisis	2	....	....	2
Heart, funct'al dis of	13	....	....	13
" organic "	5	....	....	5
Hemorrhages	1	....	....	1
Hemorrhoids	10	....	....	10
Hemiplegia	1	....	....	1
Hepatitis	6	4	....	10
Hernia	1	....	....	1
Icterus	7	....	....	7
Incontinence urine	1	....	....	1
Indigestion	9	....	10	19
Inflammation	7	1	....	8
Insomnia	4	....	....	4
Intestinal colic	7	....	....	7
LaGrippe	9	8	....	17
Laryngitis	2	....	....	2
Leucorrhea	3	1	....	4
Locomotor ataxia	....	4	....	4
Lumbago	27	....	....	27
Lymphangitis	2	....	....	2
Mastitis	2	....	....	2
Menorrhagia	2	....	....	2
Metritis	2	....	....	2
Metrorrhagia	....	1	....	1
Migrane	....	3	....	3
Nephritis	7	....	6	13

DIAGNOSIS.	Central.	Branch No. 1.	Branch No. 2.	Total.
Nervous prostration	1	....	....	1
Neuralgia	15	1	16	32
Neurasthenia	3	....	....	3
Neuritis	1	....	....	1
Odontalgia	1	....	....	1
Onychia	4	....	....	4
Otalgia	1	....	....	1
Otitis Media	4	....	....	4
Paralysis	2	....	....	2
Parotiditis	1	....	....	1
Paronychia	1	....	....	1
Pediculosis	4	....	....	4
Pertusis	....	1	....	1
Periostitus	1	....	....	1
Pharyngitis	12	....	....	12
Phthisis Pulmonalis	8	....	7	15
Pleurisy	34	....	....	34
Pleurodynia	1	....	....	1
Pneumonia	10	....	....	10
Poisoning, ivy	4	1	....	5
" carbolic acid	2	....	....	2
" arsenic	1	....	....	1
" lead	1	....	....	1
" morphine	1	....	....	1
Pregnancy	1	....	....	1
Psoriasis	....	4	....	4
Ptyalism	2	....	....	2
Retention of urine	3	1	....	4
Rheumatism	146	6	10	162
Rubeola	3	....	3	6
Salivation	1	....	....	1
Scabies	14	....	....	14
Sciatica	1	....	....	1
Scrofula	4	5	....	9
Senility	4	....	....	4
Septicaemia	2	....	....	2
Sprains	57	7	16	80
Stomatitis	1	....	....	1
Syncope	1	....	....	1
Synovitis	1	....	....	1
Syphilis	7	....	15	22
Taenica solium	2	....	....	2
Tinae circinati	4	....	....	4
Tonsillitis	46	2	11	59
Tortocolis	2	....	....	2
Ulcers	116	3	17	136
Urethritis	2	....	....	2
Urticara	4	....	....	4
Uterine	3	....	....	3
Vaccinia	1	....	....	1
Vertigo	1	1	....	2
Varicella	3	....	....	3
Wounds, contused	97	23	20	140
" gunshot	25	2	8	35
" incised	52	19	17	88
" infected	16	38	....	54
" lacerated	190	36	21	247
" internal injuries	12	4	....	16
" penetrating	1	....	....	1
" punctured	16	3	8	27
" scalp	101	17	10	128
	2353	386	366	3105

TABLE NO. 10.

JUNE, 1900.

DIAGNOSIS.	Central.	Branch No. 1.	Branch No. 2.	Total.
Abrasions	1	....	....	1
Abscesses	19	1	7	27
Acne	2	2	....	4
Adenitis	10	....	....	10
Alcoholism	27	8	3	38
Amputations	3	....	....	3
Anaemia	28	2	....	30
Anchylosis	1	....	....	1
Anthrax	1	....	....	1
Asthma	5	2	5	12
Bites, cat	4	....	....	4
" dog	30	4	6	40
" insect	18	....	....	18
" horse	2	....	....	2
" man	4	....	....	4
" snake	1	....	....	1
Bronchitis	138	2	2	142
Burns	27	9	4	40
Cancer	4	....	....	4
Carbuncles	1	....	2	3
Catarrh, gastric	3	....	....	3
Cellulitis	27	....	14	41
Cephalalgia	9	2	....	11
Cholera infantum	1	....	....	1
Cholera morbus	1	....	6	7
Chorea	1	....	....	1
Cirrhosis	6	....	....	6
Colic, infantile	1	4	....	5
Congestion of lungs	1	....	....	1
Conjunctivitis	4	....	....	4
Constipation	144	22	4	170
Coryza	....	5	....	5
Cystitis	10	2	5	17
Debility	10	....	2	12
Dentition	4	....	7	11
Dermatitis	6	....	....	6
Diarrhoea	49	26	14	89
Dislocations	....	....	2	2
Dysentery	10	....	....	10
Dysmenorrhoea	2	3	....	8
Dyspepsia	10	5	....	15
Eczema	8	20	6	34
Endocarditis	1	....	....	1
Enteritis	23	....	....	23
Entero-colitis	5	....	....	5
Epididimitis	2	....	....	2
Epilepsy	20	2	2	24
Epistaxis	2	2	....	4
Erythema	6	....	....	6
Erysipelas	....	....	3	3
Extraction of teeth	4	2	....	6
Fever, malarial	365	37	21	423
" remittent	11	....	10	21
Foreign bodies rem'd.	21	4	11	36

DIAGNOSIS.	Central.	Branch No. 1.	Branch No. 2.	Total.
Fractures	29	13	7	49
Furuncles	7	3	11	21
Gastritis	44	....	9	53
Gastro-enteritis	6	....	....	6
Habit, morphine	1	....	....	1
Haematoma	1	....	....	1
Heart, funct'al dis. of	6	....	....	6
" organic "	5	....	....	5
Hemorrhoids	9	....	....	9
Hemiplegia	1	....	....	1
Hepatitis	12	....	....	12
Herpes zoster	7	....	....	7
Hysteria	1	2	....	3
Icterus	1	....	....	1
Incontinence urine	....	....	2	2
Indigestion	7	....	....	7
Insolations	....	1	....	1
Insomnia	1	1	....	2
Intestinal colic	10	....	....	10
LaGrippe	3	8	....	11
Laryngitis	1	....	....	1
Leucorrhoea	1	....	....	1
Locomotor ataxia	....	4	....	4
Lumbago	25	....	....	25
Menorrhagia	1	....	....	1
Metritis	....	4	....	4
Miscarriage	1	....	....	1
Necrosis	1	....	....	1
Nephritis	3	....	3	6
Neuralgia	8	6	5	19
Neurasthenia	5	....	....	5
Neuritis	2	....	....	2
Neurosis	1	....	....	1
Odontalgia	1	....	....	1
Oedema	1	....	....	1
Onychia	1	....	....	1
Orchitis	1	2	....	3
Otalgia	2	....	....	2
Otitis media	2	....	....	2
Ovaritis	1	....	....	1
Parodiditis	1	....	....	1
Pediculosis	8	....	....	8
Pertusis	2	....	....	2
Pharyngitis	6	....	....	6
Phimosis	1	....	....	1
Phthisis pulmonalis	22	....	7	29
Pleurisy	22	2	....	24
Pleurydynia	1	2	....	3
Pneumonia	....	2	....	2
Poisoning, lye	1	....	....	1
" ivy	13	2	....	15
" arsenic	....	1	....	1
" lead	1	....	....	1
" morphine	1	....	....	1
Ptyalism	1	....	....	1
Ranula	1	....	....	1
Retention of urine	5	1	....	6
Rhinitis	1	....	....	1
Rheumatism	106	4	11	121
Rubeola	2	....	....	2
Salivation	1	....	....	1
Scabies	11	....	....	11
Sciatica	1	....	....	1
Scrofula	....	3	....	3
Senility	7	....	....	7
Sprains	38	12	8	58
Syphilis	3	....	4	7
Taenic solium	1	....	....	1
Tinae circinati	2	....	....	2
Tonsillitis	23	2	2	27
Toxemia	1	....	....	1
Thrush	5	....	....	5
Tumors	3	....	....	3
Ulcers	80	8	5	93
Urticara	4	....	....	4
Uterine	2	....	....	2
Vaccinia	7	....	....	7
Vaccine sores	2	....	....	2
Varicocele	5	....	....	5
Varicose veins	2	....	....	2
Vertigo	2	1	....	3
Whitlow	10	....	....	10
Wounds, contused	102	7	18	127
" gunshot	27	10	16	53
" incised	26	15	22	63
" infected	60	30	4	94
" lacerated	233	31	20	284
" internal injuries	11	....	....	11
" penetrating	20	....	....	20
" punctured	22	3	10	35
" scalp	88	45	12	145
	2296	393	310	2999

TABLE NO. 11.

JULY, 1900.

DIAGNOSIS.	Central.	Branch No. 1.	Branch No. 2.	Total.
Abrasions	....	....	1	1
Abscesses	9	3	6	18
Acne	1	....	....	1
Adenitis	3	....	1	4
Alcoholism	28	2	1	31
Anaemia	38	....	....	38
Anasarca	1	....	....	1
Anchylosis	3	....	....	3
Anthrax	....	....	1	1
Apoplexy	2	....	....	2
Asthma	8	1	2	6
Bites, dog	22	4	6	32
" insect	14	....	....	14
" man	6	....	....	6
" rat	1	....	....	1
Bronchitis	76	5	2	83
Burns	28	24	8	60
Cancer	2	....	....	2
Carbuncles	1	....	4	5
Catarrh, gastric	9	....	....	9
" nasal	3	....	....	3
" stomach	1	....	....	1

DIAGNOSIS.	Central.	Branch No. 1.	Branch No. 2.	Total.
Cellulitis	32	....	29	61
Cephalalgia	14	....	....	14
Cholera infantum	....	....	1	1
" morbus	1	2	5	8
Cirrhosis	1	....	....	1
Conjunctivitis	8	....	1	9
Constipation	110	11	4	125
Cystitis	9	....	...	9
Debility	7	7	....	14
Dentition	1	....	....	1
Dermatitis	9	....	....	9
Diarrhoea	42	11	3	56
Dislocations	....	1	....	1
Dysentery	15	....	1	16
Dysmenorrhoea	....	2	....	2
Dyspepsia	2	....	....	2
Eczema	9	20	2	31
Endo-metritis	1	....	....	1
Entrealgia	....	....	1	1
Enteritis	24	....	3	27
Entero-colitis	5	....	....	5
Epilepsy	26	....	3	29
Epistaxis	6	....	....	6
Eyrthema	2	....	....	2
Erysipelas	....	....	5	5
Excoriations	6	....	....	6
Extraction of teeth	4	5	....	9
Fevers, malarial	304	42	35	381
" typhoid	....	....	3	3
Fistula	1	....	1	2
Foreign bodies rem'vd	18	3	14	30
Fractures	35	20	16	71
Furuncles	4	....	....	2
Gastralgia	2	....	....	45
Gastritis	38	....	7	19
Gastro-enteritis	19	....	....	4
Habit, morphine	3	....	1	1
Haematoma	....	....	1	1
Haematemisis	1	....	....	2
Haemoptysis	2	....	....	
Heart, funct'l dis. of	11	....	....	11
" organic "	9	....	1	10
Hemorrhages	3	....	....	3
Hemorrhoids	16	....	....	16
Hemiplegia	3	....	....	3
Hepatitis	26	....	....	26
Hernia	2	....	....	2
Herpes Zoster	1	....	....	1
Hysteria	1	....	1	2
Indigestion	7	11	....	18
Inflammation	....	....	1	1
Insolation	2	3	1	6
Insomnia	3	....	....	3
Intestinal colic	15	....	....	15
LaGrippe	2	....	....	2
Lumbago	26	....	....	26
Mastitis	3	....	....	3
Menorrhagia	2	....	....	2
Metrorrhagia	1	....	....	1
Miscarriage	...	....	1	1
Myalgia	....	2	2	4
Necrosis	1	....	....	1
Nephritis	10	....	5	15

DIAGNOSIS.	Central.	Branch No. 1.	Branch No. 2.	Total.
Nervous prostration	3	....	....	3
Neuralgia	7	13	1	21
Neurasthenia	8	....	2	10
Neuritis	1	....	4	5
Odontalgia	3	....	....	3
Oedema	1	....	....	1
Ophthalmia	....	....	1	1
Onychia	5	....	....	5
Otalgia	1	....	....	1
Otitis media	5	....	....	5
Ovaritis	6	....	....	6
Paralysis	1	....	....	1
Paresis	1	....	....	1
Parodiditis	2	....	1	3
Pediculosis	3	....	....	3
Peritonitis	2	....	2	4
Pertusis	2	....	....	2
Periostitus	2	....	1	3
Pharyngitis	8	....	....	8
Phthisis pulmonalis	30	....	8	38
Pleurisy	20	....	....	20
Pneumonia	3	....	....	3
Poisoning, ivy	9	....	1	10
" lead	2	....	....	2
" carbolic	1	....	1	2
Pregnancy	....	4	....	4
Pruritis	2	....	....	2
Retention of urine	....	2	....	2
Rhinitis	2	....	....	2
Rheumatism	99	8	10	117
Rubeola	3	....	....	3
Scabies	4	....	....	4
Scrofula	1	....	....	1
Senility	7	....	....	7
Sprains	59	11	4	74
Stomatitis	....	1	....	1
Strictures	1	....	....	1
Synovitis	1	....	2	3
Syphilis	....	....	1	1
Tinae circinati	2	....	....	2
Tonsillitis	17	6	2	25
Tortocolis	1	....	....	1
Ulcers	87	7	2	96
Urethritis	4	....	....	4
Urticara	9	....	....	9
Uterine	6	....	....	6
Vaccinia	1	....	....	1
Varicose veins	1	....	1	2
Vertigo	2	....	....	2
Whitlow	....	....	1	1
Wounds, contused	100	35	16	151
" gunshot	42	6	16	64
" incised	48	11	19	78
" infected	17	44	6	67
" lacerated	182	30	36	248
" internal injuries	4	....	....	4
" penetrating	11	....	....	11
" punctured	17	18	6	41
" scalp	79	27	23	129
Total	2086	402	347	2835

TABLE NO. 12.

AUGUST 31ST, 1900.

DIAGNOSIS.	Central.	Branch No. 1.	Branch No. 2.	Total.
Abrasions	4	....	1	5
Abscesses	13	....	12	25
Acne	3	....	....	3
Adenitis	4	4	...	8
Alcoholism	31	4	8	43
Alleged rape	1	....	1	2
Amenorrhoea	1	....	....	1
Amputations	2	....	....	2
Anaemia	57	....	....	57
Anasarca	4	....	....	4
Anchylosis	5	1	....	6
Angina Pectoris	....	....	1	1
Anthrax	4	....	....	4
Appendicitis	1	....	....	1
Asthma	5	....	....	5
Balinitis	....	....	1	1
Bites, cat	1	....	....	1
" dog	14	13	4	31
" insect	9	....	1	10
" man	4	....	....	4
" rat	1	....	....	1
" woman	2	....	....	2
Bronchitis	100	5	3	108
Burns	12	1	5	18
Carbuncles	1	....	....	1
Catarrh, gastric	5	....	....	5
" nasal	3	....	3	6
Cellulitis	21	....	19	40
Cephalalgia	10	....	....	10
Cholera infantum	2	....	....	2
Chorea	1	....	....	1
Cirrhosis	2	....	....	2
Clavis	....	....	1	1
Concussion of brain	1	....	....	1
Conjunctivitis	2	....	....	2
Constipation	158	7	1	166
Coryza	3	14	....	17
Cystitis	11	....	....	11
Dead	21	....	....	21
Debility	25	....	1	26
Dermatitis	12	2	....	14
Diarrhoea	33	13	3	49
Diphtheria	3	....	3	6
Dislocations	3	2	1	6
Dysentery	16	....	....	16
Dysmenorrhoea	1	....	....	1
Dyspepsia	5	21	....	26
Eczema	16	11	5	32
Entrealgia	....	....	1	1
Enteritis	37	....	2	39
Entero-colitis	10	....	....	10
Epilepsy	12	....	1	13
Epistaxis	4	....	1	5
Erythema	1	....	1	2
Erysipelas	1	2	1	4
Excoriations	8	....	....	8
Extraction of teeth	8	7	....	10
Fevers, malarial	345	72	2	48
" remittent	1	7	....	8
" typhoid	1	....	....	1
Fistula	1	....	1	2
Foreign bodies rm'dv	23	7	10	40
Fractures	22	15	9	46
Furuncles	26	9	7	42

DIAGNOSIS.	Central.	Branch No. 1.	Branch No. 2.	Total.
Gastralgia	2	....	....	2
Gastritis	32	....	5	37
Gastro Enteritis	12	....	....	12
Glaucoma	1	....	....	1
Gingivitis	1	....	....	1
Habit, morphine	12	....	...	12
Heart funct'nal dis. of	5	....	....	5
" organic dis. of	6	....	....	6
Hemorrhages	2	....	....	2
Hemorrhoids	6	....	....	6
Hemiplegia	1	....	....	1
Hepatitis	43	....	....	43
Hernia	2	1	....	1
Herpes Zoster	2	....	1	3
Hysteria	....	....	3	3
Inanition	....	....	1	1
Indigestion	3	....	....	3
Insolations	....	....	8	8
Insomnia	2	1	....	3
Intestinal colic	13	....	....	13
Laryngitis	4	....	...	4
Leucorrhoea	1	....	....	1
Lipoma	1	....	....	1
Lumbago	19	....	2	21
Mastitis	1	....	....	1
Menopause	....	3	....	3
Menorrhagia	1	....	....	1
Migrane	1	....	1	2
Miscarriage	1	....	....	1
Nephritis	8	....	2	10
Nervous prostration	....	....	1	1
Neuralgia	15	7	2	24
Neurasthenia	10	....	3	13
Neuritis	3	....	2	5
Neurosis	....	....	1	1
Odontalgia	1	....	....	1
Oedema	1	....	3	4
Onychia	10	....	3	13
Otitis media	1	....	1	2
Ovaratis	6	....	2	8
Paralysis	2	....	1	3
Paronychia	....	....	1	1
Pediculosis	4	....	4	8
Peritonitis	....	....	2	2
Pertusis	1	....	....	1
Periostitus	....	....	....	2
Pharyngitis	8	....	....	8
Phthisis pulmonalis	22	....	15	37
Pleurisy	20	....	....	20
Pneumonia	1	....	....	1
Poisonings ivy	16	....	....	16
" Arsenic	1	....	1	2
" lead	1	....	....	1
" morphine	....	...	1	1
Pruritis	4	....	....	4
Psoriasis	2	....	....	2
Plumonary, not defined	1	....	....	1
Rachitis	1	....	....	1
Retention of urine	1	....	....	1
Rhinitis	2	....	...	2
Rheumatism	102	4	9	115
Subeola	2	....	....	2
Salivation	1	....	....	1
Scabies	2	....	....	2

DIAGNOSIS.	Central.	Branch No. 1.	Branch No. 2.	Total.
Sciatica	3	....	1	4
Rcrofula	4	....	....	4
Seborrhoea	1	....	....	1
Senility	8	....	....	8
Sprains	49	12	6	67
Stomatitis	....	....	3	3
Strictures	....	....	1	1
Syncope	1	....	....	1
Synovitis	2	....	....	2
Syphilis	2	....	1	3
Taenic solium	2	....	1	3
Tinae circinati	2	....	1	3
Tonsillitis	27	2	4	33
Ulcers	74	10	5	89
Urticara	3	....	....	3
Uterine	12	....	....	12
Vaccinia	....	....	86	86
Vertigo	5	4	....	9
Whitlow	....	3	....	3
Wounds, contused	95	26	19	140
" gunshot	4	4	3	11
" incised	40	18	25	83
" infected	18	49	....	67
" lacerated	178	28	7	20
" penetrating	20	....	....	20
" punctured	34	7	4	45
" scalp	69	30	9	108
	2199	482	375	3006

TABLE NO. 13.

SEPTEMBER, 1900.

DIAGNOSIS.	Central.	Branch No. 1.	Branch No. 2.	Total.
Abrasions	2	....	2	4
Abscesses	31	2	4	37
Acne	1	....	....	1
Adenitis	4	....	1	5
Alcoholism	38	6	5	49
Alleged rape	....	....	1	1
Amenorrhoea	1	....	....	1
Amputations	4	....	2	6
Anaemia	25	....	3	28
Anasarca	1	....	....	1
Anchylosis	....	....	1	1
Angina pectoris	1	....	1	2
Anthrax	2	....	....	2
Asthma	7	5	....	12
Bites, dog	16	5	1	2
" insect	8	....	1	9
" man	2	....	1	3
Bronchitis	131	6	....	137
Burns	22	4	1	27
Cancer	1	....	....	1
Barbuncles	1	....	6	7
Catarrh, gastric	4	....	....	4
Catarrh, nasal	....	....	3	3
Cellulitis	24	....	3	27
Cephalalgia	21	....	....	21
Cholera infantum	....	...	1	1
Cholera morbus	....	....	2	2
Clavis	....	....	1	1
Colic, infantile	....	....	5	5
Conjunctivitis	4	....	....	4
Constipation	133	9	4	146
Coryza	9	5	....	14
Cystitis	9	....	....	9
Dead	12	....	....	12
Debility	18	....	1	19
Dentition	1	....	....	1
Dermatitis	8	....	....	8
Diarrhoea	38	6	5	49
Diphtheria	....	....	3	3
Dislocation	3	4	....	7
Dysentery	5	2	....	7
Dyspepsia	3	...	....	3
Eczema	19	25	4	48
Endocarditis	1	....	....	1
Entrealgia	....	....	1	1
Enteritis	21	....	2	23
Enterocolitis	1	....	....	1
Epilepsy	13	....	2	15
Epistaxis	1	....	1	2
Erythema	2	....	....	2
Erysipelas	....	....	1	1
Excoriations	1	....	....	1
Extraction of teeth	2	7	....	9
Fevers, malarial	215	96	24	415
" remittent	....	....	6	6
" typhoid	1	....	4	5
Fistula	1	....	....	1
Foreign bodies rem'd.	26	9	2	37
Fractures	22	15	5	42
Furuncles	7	8	....	15
Gangrene	....	....	1	1
Gastralgia	2	....	....	2
Gastritis	27	....	1	28
Gastro-enteritis	12	....	2	14
Gingivitis	2	....	....	2
Habit, cocaine	1	....	....	1
Habit, morphine	4	....	1	1
" opium	2	....	....	2
Haematoma	1	....	....	1
Haematemisis	1	....	....	1
Heart, func'nal dis. of.	3	....	1	4
" organic "	5	....	....	5
Hemorrhages	....	....	1	1
Hemorrhoids	11	....	....	11
Hemiplegia	2	....	....	2
Hepatitis	17	....	....	17
Herpes zoster	3	....	....	3
Hysteria	2	....	1	3
Inanition	3	....	....	3
Indigestion	2	15	....	17
Inflammation	4	....	....	4
Insolations	....	....	2	2
Insomnia	2	....	....	2
Intestinal colic	11	....	....	11
La Grippe	1	....	....	1
Laryngitis	3	....	1	4
Leucorrhea	3	....	2	5
Lumbago	18	1	....	19

DIAGNOSIS.	Central.	Branch No. 1.	Branch No. 2.	Total.
Melancholia	2	....	....	2
Menopause	....	....	2	2
Menorrhagia	5	....	....	5
Migrane	....	....	1	1
Miscarriage	4	....	2	6
Necrosis	1	....	....	1
Nephritis	3	....	2	5
Neuralgia	10	10	7	27
Neurasthenia	6	....	....	6
Neuritis	1	....	1	2
Odontalgia	3	....	....	3
Onychia	3	....	....	3
Orchitis	2	....	....	2
Paralysis	3	....	....	3
Paronychia	....	....	1	1
Pediculosis	4	....	....	1
Peritonitis	1	....	....	1
Pertusis	1	....	....	1
Pharyngitis	3	....	1	4
Phthisis pulmonalis	13	....	....	13
Pleurisy	25	....	1	26
Plumbism	1	....	....	1
Pneumonia	1	....	....	1
Poisoning, ivy	8	....	2	10
Pregnancy	1	....	....	1
Pytalism	2	....	....	2
Retention of urine	2	....	....	2
Rheumatism	108	7	10	125
Rubeola	1	....	....	1
Scalds	....	....	3	3
Sciatica	1	....	1	2
Senility	6	....	2	8
Singulthus	1	....	....	1
Sprains	42	13	8	63
Strictures	1	....	2	3
Synovitis	1	....	1	2
Syphilis	7	....	1	8
Taenic solium	2	....	....	2
Tinae circinati	5	....	....	5
Tonsillitis	13	10	11	34
Ulcers	95	17	2	114
Uraemia	....	....	2	2
Urticara	3	....	....	3
Uterine	6	....	....	6
Vaccinia	2	....	....	2
Vaccine sores	....	....	5	5
Varicocele	....	....	1	1
Varicose veins	...	....	2	2
Whitlow	....	3	....	3
Wounds, contused	86	34	9	129
" gunshot	10	3	1	14
" incised	45	17	13	75
" infected	16	76	....	92
" lacerated	191	24	7	222
" internal injuries	1	....	....	1
" punctured	20	13	4	37
" scalp	60	32	11	103
	1973	487	241	2701

TABLE NO. 14.

OCTOBER, 1900.

DIAGNOSIS.	Central.	Branch No. 1.	Branch No. 2.	Total.
Abrasions	7	....	....	7
Abscesses	15	2	2	19
Acne	2	....	....	2
Adenitis	3	....	2	5
Alcoholism	53	7	4	64
Alleged rape	4	....	....	4
Amenmorrhoea	1	....	....	1
Amputation	....	2	....	2
Anaemia	24	....	....	24
Anchylosis	1	....	....	1
Anthrax	1	....	....	1
Asthma	13	....	....	13
Bites, dog	13	....	6	19
" insect	4	....	5	9
" man	1	....	....	1
" rat	....	...	1	1
" woman	1	....	....	1
Bronchitis	237	8	6	251
Burns	27	10	6	43
Cancer	1	....	....	1
Carbuncles	1	6	....	7
Catarrh, gastric	4	....	....	4
Cellulitis	28	....	11	39
Cephalalgia	15	....	....	15
Cholera infantum	1	....	....	1
Cholera morbus	2	....	....	2
Cirrhosis	1	....	....	1
Clavis	1	....	....	1
Colica pictonum	1	....	...	1
Conjunctivitis	4	1	1	6
Constipation	138	22	4	164
Cystitis	13	1	....	14
Debility	13	....	.. .	13
Dentition	....	....	1	1
Dermatitis	12	....	....	12
Diarrhoea	40	13	....	53
Diphtheria	3	2	1	6
Dislocation	6	....	1	7
Dysentery	7	....	....	7
Dysmenorrhoea	3	1	....	4
Dyspepsia	3	11	....	14
Eczema	14	25	3	42
Enteritis	23	3	2	28
Entero-colitis	4	....	....	4
Epididimitis	1	....	1	2
Epilepsy	11	....	....	11
Epistaxis	2	....	....	2
Erythema	1	4	....	5
Erysipelas	2	....	....	2
Excoriations	3	....	....	3
Extraction of teeth	4	9	....	13
Fevers, malarial	310	68	20	398
" typhoid	1	....	5	6
Fistula	2	....	....	2
Foreign bodies rem'vd	18	9	4	31
Fractures	27	18	....	45
Furuncles	4	10	....	14
Gastralgia	1	1	....	2

DIAGNOSIS.	Central.	Branch No. 1.	Branch No. 2.	Total.
Gastritis	38	...	1	39
Gastro-enteritis	8	....	....	8
Goitre	....	....	1	1
Habit, morphine	2	....	....	2
Haematoma	1	....	....	1
Haemoptysis	1	....	....	1
Heart, funct'al dis. of.	3	....	1	4
Heart, organic "	5	....	....	5
Hemorrhoids	10	....	....	10
Hepatitis	15	....	....	15
Hernia	2	....	....	2
Herpes Zoster	3	....	....	3
Hypochondria	2	....	....	2
Hysteria	1	....	....	1
Icterus	1	....	1	2
Incontinence urine	1	....	....	1
Indigestion	3	....	....	3
Inflammation	3	....	....	3
Insomnia	1	...	....	1
Intestinal colic	10	....	...	10
LaGrippe	....	....	2	2
Laryngitis	4	....	....	4
Leucorrhoea	1	....	....	1
Lumbago	28	5	....	33
Mastitis	1	....	....	1
Menorrhagia	2	....	1	3
Metritis	3	....	....	3
Myalgia	...	....	1	1
Necrosis	2	....	....	2
Nephritis	2	....	4	6
Neuralgia	15	8	1	24
Neurasthenia	12	....	1	13
Neuritis	1	....	....	1
Odontalgia	3	....	....	3
Oedema	....	....	3	3
Onychia	1	....	....	1
Otalgia	1	....	....	1
Otitis media	4	....	....	4
Paralysis	3	....	....	3
Pediculosis	4	....	....	4
Peritonitis	1	....	....	1
Periostitis	1	3	....	4
Pharyngitis	4	....	....	4
Phimosis	1	....	....	1
Phthisis pulmonalis	4	....	9	13
Pleurisy	27	....	....	27
Pneumonia	1	....	....	1
Poisoning, ivy	3	....	....	3
" lead	3	....	....	3
" morphine	....	1	....	1
" opium	1	....	....	1
Proctitis	1	....	1	2
Prutitis	5	....	....	5
Ptyalism	1	....	....	1
Pulmonary, not defined	3	....	....	3
Ranula	1	....	....	1
Retention of urine	2	....	....	2
Rhinitis	....	5	....	5
Rheumatism	124	3	5	132
Rubeola	1	....	....	1
Salivation	1	....	....	1
Scabies	1	....	....	1
Scrofula	1	....	....	1
Senility	3	....	....	3
Sprains	78	12	8	98
Stomatitis	1	3	1	5
Syphilis	4	....	....	4
Taenic solium	3	....	2	5
Tinae circinati	5	...	....	5
Thecitis	....	....	1	1
Tonsillitis	28	5	7	40
Tortocolis	7	....	....	7
Ulcers	111	9	3	123
Urethritis	1	....	1	2
Urticara	5	....	....	5
Uterine	7	....	....	7
Vaccinia	1	....	19	20
Vaccine sores	....	....	2	2
Vertigo	1	....	....	1
Varicella	1	....	....	1
Whitlow	....	8	....	8
Wounds, contused	80	16	19	115
" gunshot	8	10	....	18
" incised	38	14	14	66
" infected	30	28	5	63
" lacerated	183	16	17	216
" internal injuries	9	....	....	9
" punctured	12	11	1	24
" scalp	48	20	16	84
	2180	410	234	2829

TABLE NO. 15.

NOVEMBER, 1900.

DIAGNOSIS.	Central.	Branch No 1.	Branch No. 2.	Total.
Abortion	1	....	....	1
Abrasions	3	....	....	3
Abscesses	9	....	4	13
Acne	4	....	....	4
Adenitis	3	....	....	3
Alcoholism	42	7	5	54
Alleged rape	1	....	....	1
Amputations	....	5	....	5
Anaemia	15	....	....	15
Angina pectoris	1	....	....	1
Anthrax	2	....	....	2
Ascitis	1	1	....	2
Asthma	13	1	1	15
Bites, dog	10	1	....	11
" insect	2	....	8	10
" horse	3	....	....	3
" man	1	....	....	1
" rat	1	....	....	1
Bronchitis	237	14	6	257
Burns	12	5	17	34
Bursitis	....	....	2	2
Cancer	3	....	1	4
Carbuncles	4	1	11	16
Catarrh, gastric	2	....	....	2

DIAGNOSIS.	Central.	Branch No. 1.	Branch No. 2.	Total.
" nasal	1	....	....	1
Cellulitis	48	....	3	51
Cephalalgia	8	....	....	8
Colica pictonum	1	....	....	1
Colic, infantile	1	....	....	1
Conjunctivitis	10	2	2	14
Constipation	98	6	4	108
Coryza	2	....	....	2
Cystitis	13	....	.. .	13
Dentition	1	....	....	1
Dermatitis	8	....	....	8
Diarrhoea	25	4	1	30
Diphtheria	2	1	1	4
Dysentery	5	....	....	5
Dysmenorrhoea	2	....	....	2
Dyspepsia	2	....	....	2
Eczema	21	18	....	39
Endo-metritis	1	....	....	1
Enteritis	18	....	2	20
Epilepsy	14	....	1	15
Epistaxis	....	2	....	2
Erythema	2	....	....	2
Erysipelas	6	1	2	9
Extraction of teeth	3	....	....	3
Fevers, malarial	201	33	20	254
" remittent	1	....	...	1
" typhoid	4	....	....	4
Fistula	2	....	....	2
Foreign bodies rem'vd.	17	13	6	36
Fractures	27	10	4	41
Frost bites	1	....	....	1
Furuncles	5	....	....	5
Gangrene	1	....	....	1
Gastralgia	1	1	....	2
Gastritis	18	....	20	20
Gastro-enteritis	2	....	....	2
Gingivitis	1	....	....	1
Goitre	....	1	....	1
Habit, cocaine	1	....	...	1
" morphine	3	....	....	3
Heart funct'l dis. of	8	....	....	8
" organic "	7	1	....	8
Hemorrhages	1	1	....	2
Hemorrhoids	7	1	1	9
Hemiplegia	2	....	....	2
Hepatitis	13	....	....	13
Hernia	2	....	....	2
Herpes Zoster	1	....	....	1
Hypochondria	1	....	....	1
Hysteria	3	....	....	3
Inanition	....	....	2	2
Indigestion	2	5	....	7
Inflammation	7	....	....	7
Insomnia	4	....	....	4
Intestinal colic	4	....	....	4
LaGrippe	1	1	....	2
Laryngitis	12	5	....	17
Leucorrhoea	2	....	....	2
Locomotor ataxia	1	....	....	1
Lumbago	18	1	2	21
Menorrhagia	2	....	....	2

DIAGNOSIS.	Central.	Branch No. 1.	Branch No. 2.	Total.
Metritis	2	....	....	2
Metrorrhagia	1	....	....	1
Migrane	....	....	1	1
Myalgia	....	1	....	1
Nephritis	7	....	1	8
Neuralgia	10	4	2	16
Neurasthenia	15	2	1	18
Neuritis	2	....	....	2
Odontalgia	1	....	2	3
Otitis externa	1	....	....	1
Otitis media	2	....	1	3
Ovaritis	4	....	....	4
Paralysis	1	....	1	2
Parodiditis	....	....	1	1
Paronychia	13	....	....	13
Pediculosis	4	....	....	4
Pharyngitis	9	....	5	14
Phthisis pulmonalis	14	....	2	16
Pleurisy	21	....	1	22
Pneumonia	2	....	....	2
Poisoning, ivy	2	....	...	2
" morphine	....	....	1	1
" chloral	1	....	....	1
Pregnancy	1	....	....	1
Rhinitis	2	....	....	2
Rheumatism	123	15	9	147
Rubeola	1	....	....	1
Salivation	1	....	....	1
Scabies	11	....	....	11
Senility	4	....	1	5
Singulthus	....	....	1	1
Sprains	47	11	5	63
Stomaaitis	4	....	1	5
Strictures	....	1	....	1
Synovitis	2	....	....	2
Syphilis	7	....	....	7
Tinae circinati	2	....	....	2
Tonsillitis	31	4	....	35
Tortocolis	1	....	....	1
Ulcers	69	7	3	79
Uraemia	1	....	....	1
Urethritis	3	....	...	3
Uriticara	1	....	....	1
Uterine	6	....	....	6
Vaccinia	....	....	8	8
Vaginitis	1	....	....	1
Varicose veins	1	....	....	1
Vertigo	3	....	....	3
Whitlow	....	1	....	1
Wounds, contused	60	14	13	87
" gunshot	8	1	2	11
" incised	39	10	14	63
" infected	14	20	6	40
" lacerated	140	20	3	163
" internal injuries	6	....	....	6
" punctured	10	2	5	17
" scalp	50	17	7	74
	1806	273	205	2284

TABLE NO. 16.

DECEMBER, 1900.

DIAGNOSIS.	Central.	Branch No. 1.	Branch No. 2.	Total.
Abrasions	3	....	1	4
Abscesses	13	2	4	19
Acne	2	....	....	2
Adenitis	8	....	....	8
Alcoholism	46	6	2	54
Amenorrhoea	1	....	....	1
Amputations	1	3	....	4
Anaemia	14	....	....	14
Anasarca	2	...	...	2
Anchylosis	1	....	....	1
Apoplexy	1	....	....	1
Asthma	19	3	2	24
Bites, dog	9	6	7	22
" rat	1	....	....	1
Blepharitis	1	....	....	1
Bronchitis	461	14	11	486
Burns	18	....	2	20
Carbuncles	1	....	....	1
Caries	1	....	....	1
Catarrh, gastric	5	....	....	5
" nasal	5	....	....	5
Cellulitis	30	....	3	33
Cephalalgia	10	....	1	11
Cirrhosis	...	....	2	2
Coccydinia	1	....	....	1
Conjunctivitis	5	....	....	5
Constipation	114	14	3	131
Coryza	3	....	...	3
Cystitis	20	3	....	23
Debility	11	....	1	12
Dermatitis	2	....	....	2
Diabetes	1	....	1	2
Diarrhoea	19	3	....	22
Diphtheria	1	....	....	1
Dislocations	1	....	1	2
Dysentery	2	....	1	3
Dysmenorrhoea	1	3	....	4
Dyspepsia	2	7	....	9
Eczema	9	1	....	10
Endo-carditis	1	....	....	1
Endo-metritis	4	....	....	4
Entrealgia	2	....	....	2
Enteritis	7	....	4	11
Entero-colitis	1	....	....	1
Epididimitis	....	....	2	2
Epilepsy	12	....	1	13
Epistaxis	2	....	....	2
Erythema	1	....	....	1
Erysipelas	6	....	....	6
Excoriations	2	....	....	2
Extraction of teeth	....	2	....	2
Fevers, malarial	230	38	16	284
Foreign bodies rem'vd	9	4	9	22
Fractures	14	9	2	25
Frost bites	2	2	....	4
Furuncles	2	2	....	4
Gangrene	....	....	1	1
Gastralgia	2	5	....	7
Gastritis	15	....	2	17
Gastro-enteritis	2	....	....	2
Gingivitis	....	....	1	1
Goitre	1	....	....	1
Habit, morphine	4	...	...	4
Haemoptysis	1	....	....	1

DIAGNOSIS.	Central.	Branch No. 1.	Branch No. 2.	Total.
Heart, funct'al dis. of.	6	....	1	7
" organic "	5	....	1	6
Hemorrhages	1	2	....	3
Hemorrhoids	12	....	....	12
Hepatitis	3	....	....	3
Hernia	....	1	....	1
Herpes Zoster	2	....	....	2
Inanition	....	....	1	1
Indigestion	4	....	....	4
Insomnia	3	....	1	4
Intestinal colic	2	....	....	2
LaGrippe	4	6	2	12
Laryngitis	3	....	....	3
Leucorrhoea	2	....	....	2
Lumbago	19	....	1	20
Menopause	2	....	....	2
Menorrhagia	3	....	....	3
Migrane	2	....	....	2
Myalgia	....	....	1	1
Nephritis	4	2	....	6
Nervous prostration	2	....	....	2
Neuralgia	19	4	2	25
Neurasthenia	4	....	....	4
Odontalgia	1	....	....	1
Orchitis	1	....	....	1
Otitis media	1	....	....	1
Ovaritis	3	....	....	3
Paralysis	3	....	....	3
Parodiditis	5	2	1	8
Paronychia	3	....	....	3
Pediculosis	3	....	....	3
Peritonitis	1	....	1	2
Pertusis	1	....	....	1
Periostitus	1	....	....	1
Pharyngitis	5	2	2	9
Phthisis pulmonalis	12	....	3	15
Pleurisy	39	....	3	42
Pneumonia	8	....	....	8
Poisoning, ivy	3	....	....	3
" morphine	....	....	1	1
Psoriasis	1	....	....	1
Ptyalism	1	....	....	1
Pulmonary, not defined	3	....	....	3
Retention of urine	2	....	1	3
Rhinitis	2	3	....	5
Rheumatism	101	9	4	114
Rubeola	2	....	....	2
Scabies	2	....	....	2
Scalds	3	....	....	3
Scrofula	1	....	....	1
Senility	3	....	1	9
Singulthus	2	....	....	2
Sprains	37	9	....	46
Stomatitis	5	....	1	6
Strictures	5	....	....	5
Synovitis	2	....	....	2
Syphilis	9	....	....	9
Taenic solium	1	....	1	2
Tinae circinati	3	....	1	4
Thecitis	1	....	....	1
Tonsillitis	45	9	1	55
Tortocolis	....	....	1	1
Trachitis	1	....	....	1
Thrush	1	....	....	1

DIAGNOSIS.	Central.	Branch No. 1.	Branch No. 2.	Total.
Ulcers	88	16	....	104
Urethritis	1	....	....	1
Uticara	1	....	....	1
Uterine	5	....	....	5
Vaccinia	1	....	9	10
Vaccine sores	20	....	....	20
Varicose veins	12	....	....	12
Vertigo	10	....	....	10
Whitlow	6	....	....	6
Wounds, contused	80	14	10	104
" gunshot	3	2	2	7
Wounds, incised	32	8	7	47
" infected	2	16	....	18
" lacerated	115	28	4	147
" internal injuries	16	....	2	18
" penetrating	40	....	2	42
" punctured	17	16	4	37
" scalp	108	12	6	126
	2162	288	158	2608

TABLE 17.

JANUARY, 1901.

DIAGNOSIS.	Central.	Branch No. 1.	Branch No. 2.	Total.
Abrasions	7	....	....	7
Abscesses	15	31	4	50
Acne	2	....	....	2
Adenitis	8	....	5	13
Alcoholism	45	10	9	64
Amenorrhoea	1	....	....	1
Amputations	3	....	....	3
Anaemia	27	1	....	28
Anasarca	2	....	....	2
Anchylosis	4	....	....	4
Angina pectoris	1	....	....	1
Anthrax	1	....	....	1
Apoplexy	1	....	....	1
Asthma	24	5	1	30
Balanitis	1	....	....	1
Bites, dog	15	4	3	22
" horse	1	....	3	4
Blepharitis	1	....	....	1
Bronchitis	624	25	18	667
Burns	13	8	2	23
Bursitis	2	....	....	2
Carbuncles	6	....	....	6
Caries	2	....	....	2
Catarrh, gastric	2	....	3	5
" nasal	....	1	....	1
Cellulitis	14	5	5	24
Cephalalgia	11	....	....	11
Chorea	1	....	....	1
Colic, infantile	....	2	....	2
Concussion of brain	....	....	1	1
Congestion of lungs	....	2	....	2
Conjunctivitis	6	1	....	7
Constipation	160	13	5	178
Convulsions, infantile	....	1	....	1
Coryza	4	....	2	6
Cystitis	12	1	1	14
Debility	11	1	2	14
Dentition	1	....	....	1
Dermatitis	13	....	....	13
Diabetes	1	1	....	2
Diarrhoea	5	....	1	6
Diphtheria	16	1	1	18
Dislocations	3	....	....	3
Dysentery	3	1	....	4
Dysmenorrhoea	....	2	1	3
Dyspepsia	3	1	....	4
Eczema	10	3	3	16
Endo-metritis	2	....	....	2
Entrealgia	....	....	1	1
Enteritis	5	3	4	12
Epilepsy	13	2	1	16
Epistaxis	4	....	....	4
Erythema	....	1	....	1
Erysipelas	5	....	6	11
Excoriations	1	....	....	1
Extraction of teeth	1	2	....	3
Fever, malarial	203	18	9	230
" typhoid	....	5	1	6
Foreign bodies rem'd.	16	6	6	28
Fractures	15	7	6	28
Frost bites	3	....	1	4
Furuncles	3	1	....	4
Gastralgia	2	....	....	2
Gastritis	21	2	5	28
Gingivitis	1	....	....	1
Habit, cocaine	2	....	....	2
" morphine	3	....	....	3
Haematemisis	1	....	....	1
Heart, funct'al dis. of	10	....	....	10
" organic "	7	....	....	7
Hemorrhoids	19	....	....	19
Hemiplegia	....	1	....	1
Hepatitis	3	....	....	3
Hernia	....	....	2	2
Herpes Zoster	3	2	....	5
Hysteria	3	....	1	4
Impetigo	1	....	....	1
Incontinence urine	....	2	....	2
Indigestion	2	1	....	3
Inflammation	4	....	....	4
Insomnia	3	....	....	3
Intestinal colic	7	....	....	7
LaGrippe	97	31	13	141
Laryngitis	6	....	....	6
Leucorrhoea	1	....	....	1
Locomotor ataxia	....	2	....	2
Lumbago	36	11	3	50
Lymphangitis	....	3	....	3
Mastitis	1	....	....	1
Melancholia	1	....	....	1
Menorrhagia	4	....	....	4
Miscarriage	1	....	2	3
Myalgia	2	....	....	2
Nephritis	1	2	1	4
Neuralgia	21	5	2	28
Neurasthenia	1	3	1	5

DIAGNOSIS.	Central.	Branch No. 1.	Branch No. 2.	Total.
Neuritis	....	2	1	3
Odontalgia	3	....	....	3
Onychia	6	....	....	6
Orchitis	2	....	....	2
Otitis media	....	1	1	2
Ovaritis	....	....	1	1
Parodiditis	1	1	....	2
Paronychia	....	....	1	1
Pediculosis	3	2	....	5
Peritonitis	1	....	....	1
Pertusis	1	....	....	1
Periostitus	....	2	....	2
Pharyngitis	10	2	2	14
Phthisis pulmonalis	18	2	8	28
Pleurisy	32	10	1	43
Pleurydynia	....	4	....	4
Pneumonia	5	3	....	8
Poisoning, arsenic	....	....	1	1
" opium	1	....	....	1
Turpentine	1	....	....	1
Pregnancy	1	....	....	1
Prostitis	2	....	....	2
Pruritis	1	....	....	1
Pulmonary, not defined	1	....	....	1
Pyrosis	1	....	....	1
Rachitis	1	....	....	1
Retention of urine	4	....	....	4
Rhinitis	2	1	....	3
Rheumatism	186	11	6	203
Rubeola	2	....	....	2
Scabies	5	....	....	5
Scalds	....	....	2	2

DIAGNOSIS.	Central.	Branch No. 1.	Branch No. 2.	Total.
Sciatica	1	....	....	1
Scrofula	1	....	1	2
Senility	14	4	....	18
Sprains	46	7	3	56
Strictures	....	2	....	2
Syphilis	3	....	5	8
Taenic solium	6	....	1	7
Tinae circinati	2	....	....	2
Thecitis	2	....	....	2
Tonsillitis	34	7	7	48
Tumors	....	2	3	5
Ulcers	112	13	4	129
Urticara	....	1	1	2
Uterine	7	....	....	7
Vaccinia	16	....	1	17
Vaccine sores	....	5	5	10
Varicose veins	....	....	4	4
Vertigo	4	....	....	4
Varicella	1	3	1	5
Whitlow	....	4	....	7
Wounds, contused	57	12	9	98
" gunshot	13	....	3	16
" incised	28	12	6	41
" infected	4	2	3	9
" lacerated	127	7	12	146
" internal injuries	7	....	....	7
" punctured	11	1	1	13
" scalp	66	9	5	80
	2464	362	284	3060

TABLE NO. 18.

FEBRUARY, 1901.

DIAGNOSIS.	Central.	Branch No. 1.	Branch No. 2.	Total.
Abrasions	7	....	1	8
Abscesses	16	22	1	39
Acne	3	....	....	3
Adenitis	11	....	1	12
Alcoholism	37	....	6	43
Alleged rape	1	....	....	1
Amenorrhoea	1	....	....	1
Amputations	1	....	....	1
Anaemia	21	1	4	26
Anasarca	3	....	....	3
Anthrax	....	1	....	1
Appendicitis	1	....	....	1
Ascitis	1	....	....	1
Asthma	27	3	1	31
Bites, dog	7	1	3	11
" horse	2	....	2	4
" rat	1	....	....	1
Bronchitis	624	50	4	678
Burns	19	5	....	24
Caries	1	....	....	1
Catarrh, gastric	5	....	....	5
" nasal	3	....	5	8
Cellulitis	11	....	5	16
Cephalalgia	8	....	1	9
Chorea	4	....	....	4
Cirrhosis	2	....	....	2
Clavis	1	....	....	1

DIAGNOSIS.	Central.	Branch No. 1.	Branch No. 2.	Total.
Conjunctivitis	2	2	....	4
Constipation	154	12	8	174
Coryza	11	....	....	11
Cystitis	4	....	....	4
Debility	5	....	3	8
Dentition	2	....	....	2
Dermatitis	6	....	....	6
Diabetes	2	....	....	2
Diarrhoea	17	4	2	23
Diphtheria	1	....	....	1
Dislocations	2	1	3	6
Dysentery	6	....	4	10
Dyspepsia	8	....	3	11
Eczema	15	3	2	20
Empyema	2	....	....	2
Entrealgia	....	....	1	1
Enteritis	6	1	1	8
Enterocolitis	2	....	2	4
Enlarged glands	....	....	3	3
Epilepsy	8	....	2	10
Epistaxis	1	....	....	1
Erythema	2	....	....	2
Erysipelas	6	4	3	13
Excoriations	4	....	....	4
Extraction of teeth	1	2	....	3
Fevers, malarial	175	13	5	193
" typhoid	....	....	1	1

DIAGNOSIS.	Central.	Branch No. 1.	Branch No. 2.	Total.
Foreign bodies rem'd.	10	3	2	15
Fractures	16	16	3	35
Frost bites	6	1	1	8
Furuncles	1	....	....	1
Gastralgia	2	....	....	2
Gastritis	15	1	1	17
Haemoptysis	1	....	....	1
Heart, funct'al dis. of.	2	....	1	3
" organic " .	4	....	2	6
Hemorrhoids	11	1	...	12
Hemiplegia	1	1	....	2
Hepatitis	8	....	....	8
Herpes Zoster	4	1	....	5
Hysteria	2	2	....	4
Impetigo	1	....	....	1
Incontinence urine	....	....	5	5
Indigestion	5	....	....	5
Inflammation	1	....	....	1
Insomnia	3	....	....	3
Intestinal colic	5	....	....	5
LaGrippe	40	20	8	68
Laryngitis	14	....	2	16
Leucorrhoea	4	....	....	4
Lumbago	42	....	3	45
Menorrhagia	1	1	....	2
Migrane	....	1	2	3
Miscarriage	1	....	....	1
Myalgia	3	....	....	3
Nephritis	3	....	....	3
Neuralgia	21	1	1	23
Neurasthenia	6	....	4	10
Neuritis	1	....	....	1
Odontalgia	4	....	....	4
Onychia	3	....	....	3
Otitis externa	1	....	....	1
Otitis media	3	3	2	8
Ovaritis	3	....	....	3
Paralysis	....	1	1	2
Parodiditis	3	3	....	6
Pediculosis	8	...	....	8
Pertusis	1	....	....	1
Pharyngitis	11	1	1	13
Phimosis	....	1	....	1
Phlebitis	1	1	....	2
Phthisis pulmonalis	11	....	3	14
Pleurisy	37	....	....	37
Pleurydynia	....	1	....	1
Pneumonia	21	....	....	21
Poisoning, arsenic	....	....	1	1
" morphine	2	1	....	3
Pregnancy	2	....	....	2
Prostitis	1	....	....	1
Psoriasis	2	....	....	2
Pulmonary, not defined	....	....	4	4
Retention of urine	2	....	....	2
Rhinitis	1	....	....	1
Rheumatism	135	15	3	153
Scabies	4	....	....	4
Sciatica	3	....	....	3
Senility	13	....	....	13
Singulthus	....	....	1	1
Sprains	41	5	5	51
Strictures	....	....	2	2
Syphilis	2	....	....	2
Taenic solium	3	....	....	3
Tinae circinati	2	....	....	2
Thecitis	....	....	1	1
Tonsillitis	62	....	....	62
Tortocolis	1	....	....	1
Trachitis	1	....	....	1
Thrush	1	....	....	1
Tuberculosis	2	....	....	2
Ulcers	88	7	3	98
Urethritis	....	1	....	1
Urticaria	3	....	....	3
Uterine	3	....	3	6
Vaccinia	6	....	1	7
Vaccine sores	....	....	2	2
Vertigo	3	....	3	6
Wounds, contused	72	1	4	77
" gunshot	2	9	....	11
" incised	21	31	4	56
" infected	12	5	1	18
" lacerated	102	20	13	135
" internal injuries	5	....	....	5
" penetrating	....	....	6	6
" punctured	4	1	5	10
" scalp	36	14	8	58
	2238	295	189	2722

TABLE NO. 19.

MARCH, 1901.

DIAGNOSIS.	Central.	Branch No. 1.	Branch No. 2.	Total.
Abrasions	6	....	....	6
Abscesses	8	1	14	23
Acne	1	....	....	1
Adenitis	6	2	1	9
Alcoholism	51	1	4	56
Amputations	1	....	....	1
Anaemia	41	....	....	41
Anasarca	2	....	....	2
Anchylosis	1	....	....	1
Angina pectoris	1	....	....	1
Ascitis	1	....	....	1
Asthma	19	2	3	24
Balanitis	1	....	....	1
Bites, cat	1	....	....	1
" dog	8	2	2	12
" man	1	....	1	2
Bronchitis	594	17	11	622
Burns	23	10	3	36
Bursitis	1	....	1	2
Cancer	2	....	....	2
Carbuncles	....	2	2	4
Catarrh, gastric	3	....	....	3
" nasal	5	...	....	5
Cellulitis	25	2	9	36
Cephalalgia	9	....	....	9
Chorea	5	....	....	5

DIAGNOSIS.	Central.	Branch No. 1.	Branch No. 2.	Total.
Cirrhosis	1	....	....	1
Colica pictonum	1	....	....	1
Colic, infantile	....	....	2	2
Conjunctivitis	6	3	3	12
Constipation	170	7	2	179
Coryza	3	....	....	3
Cystitis	8	1	....	9
Debility	22	2	2	26
Dentition	3	....	....	3
Dermatitis	3	....	....	3
Diarrhoea	25	5	....	30
Diphtheria	2	....	1	3
Dislocations	2	5	1	8
Dysmenorrhoea	1	....	1	2
Dyspepsia	3	....	....	3
Eczema	8	6	....	14
Enteralgia	....	....	1	1
Enteritis	28	....	....	28
Epilepsy	17	....	1	18
Epistaxis	4	....	....	4
Erythema	1	....	....	1
Erysipelas	5	....	2	7
Excoriations	1	....	....	1
Extraction of teeth	3	1	....	4
Fever, malarial	202	10	12	224
Foreign bodies rem'vd	20	3	2	25
Fractures	22	10	4	36
Frost bites	2	....	....	2
Furuncles	2	....	....	2
Gastralgia	1	....	....	1
Gastritis	20	....	2	22
Gastro-enteritis	1	....	....	1
Gingivitis	1	....	....	1
Haemoptysis	....	....	1	1
Heart, funct'al dis. of	5	....	1	6
" organic "	6	....	....	6
Hemorrhoids	20	....	....	20
Hepatitis	6	....	....	6
Hernia	1	....	....	1
Herpes Zoster	3	....	....	3
Hysteria	....	....	3	3
Inanition	....	....	2	2
Incontinence urine	2	....	....	2
Indigestion	5	....	....	5
Inflammation	2	....	....	2
Insomnia	2	....	....	2
Intestinal colic	4	....	....	4
LaGrippe	27	25	7	59
Laryngitis	9	....	1	10
Lumbago	45	2	....	47
Menopause	....	....	2	2
Menorrhagia	4	....	....	4
Metrorrhagia	1	2	....	3
Migrane	4	....	....	4
Nephritis	4	2	1	7
Neuralgia	19	3	2	24
Neurasthenia	2	....	....	2
Neuritis	3	3	....	6

DIAGNOSIS.	Central.	Branch No. 1.	Branch No. 2.	Total.
Odontalgia	1	....	....	1
Oedema	....	....	5	5
Ophthalmia	....	....	1	1
Onychia	2	....	....	2
Orchitis	4	....	1	5
Otitis media	2	....	....	2
Ovaritis	2	....	3	5
Paralysis	....	....	1	1
Parotiditis	18	3	....	21
Pediculosis	15	....	....	15
Peritonitis	3	....	....	3
Pertusis	....	1	....	1
Pharyngitis	12	....	1	13
Phthisis pulmonalis	8	4	1	13
Pleurisy	41	....	5	46
Pneumonia	24	....	2	26
Poisoning, ivy	3	....	....	3
" lead	1	....	....	1
" opium	....	....	1	1
Pregnancy	....	1	1	2
Pruritis	1	....	....	1
Pulmonary, not defined	1	....	....	1
Retention of urine	3	....	2	5
Rheumatism	156	10	8	174
Rubeola	4	....	....	4
Scabies	4	....	....	4
Scalds	....	....	3	3
Sciatica	....	....	1	1
Senility	12	....	....	12
Sprains	45	6	6	57
Syncope	....	....	1	1
Synovitis	3	....	2	5
Syphilis	1	....	....	1
Taenia solium	2	....	1	3
Tinae circinati	3	....	....	3
Thecitis	1	....	....	1
Tonsillitis	41	8	6	55
Tortacolis	1	1	1	3
Trachitis	1	....	....	1
Thrush	1	....	....	1
Ulcers	114	8	8	130
Urticara	3	....	....	3
Vaccinia	6	....	4	10
Varicocele	....	....	5	5
Varicose veins	....	....	5	5
Varicella	1	....	....	1
Wounds, contused	82	10	6	98
" gunshot	10	10	1	21
" incised	14	20	4	38
" infected	6	10	2	18
" lacerated	147	30	9	186
" internal injuries	9	....	1	10
" penetrating	....	5	....	5
" punctured	7	3	4	14
" scalp	48	15	9	72
	2437	278	218	2932

TABLE NO. 20.

SUMMARY OF DISEASES.

DIAGNOSIS.	Central.	Branch No. 1.	Branch No. 2.	Total.
Abortion	1	....	....	1
Abrasions	46	....	6	52
Abscesses	164	73	81	318
Acne	23	2	....	25
Adenitis	68	6	11	85
Alcoholism	449	64	59	617
Alleged rape	7	....	2	9
Amenorrhoea	6	....	....	6
Amputations	16	10	2	28
Anaemia	326	4	7	337
Anasarca	16	3	....	19
Anchylosis	17	1	1	19
Angina pectoris	4	..	2	6
Anthrax	12	1	1	14
Apoplexy	4	....	....	4
Appendicitis	3	....	....	3
Ascitis	3	1	....	4
Asthma	156	30	24	210
Balanitis	2	....	1	3
Bites, cat	7	....	....	7
" dog	197	58	75	330
" insect	58	1	15	74
" horse	8	1	5	14
" man	29	....	2	31
" rat	5	....	1	6
" snake	3	....	....	3
Bronchitis	3809	178	92	4079
Burns	241	91	64	396
Bursitis	8	....	3	11
Cancer	14	....	1	15
Carbuncles	16	10	30	56
Caries	5	....	....	5
Catarrh, gastric	53	....	3	56
Catarrh, nasal	23	2	11	36
Cellulitis	299	7	126	433
Cephalalgia	134	2	2	138
Cholera infantum	4	1	2	7
Cholera morbis	4	2	13	19
Chorea	17	....	....	17
Cirrhosis	15	....	2	17
Clavis	2	....	2	4
Coccydinia	1	....	....	1
Colica pictonum	4	....	....	4
Colic, infantile	3	7	7	17
Concussion of brain	3	....	1	4
Congestion of lungs	2	2	....	4
Conjunctivitis	66	14	7	87
Constipation	1795	159	52	2006
Convulsions, infantile	....	1	....	1
Coryza	36	30	2	68
Cystitis	131	11	15	157
Debility	162	23	17	202
Dentition	14	....	8	22
Dermititis	83	2	....	85
Diabetes	6	1	1	8
Diarrhoea	332	89	54	475
Diphtheria	30	6	10	46
Dislocations	33	13	16	62
Dysentery	81	3	8	92
Dysmenorrhoea	12	14	2	98
Dyspepsia	46	46	3	95
Eczema	147	145	40	332
Empyema	2	....	....	2
Endo-carditis	3	....	....	3
Endo-metritis	8	....	....	8
Enteralgia	3	....	6	9
Enteritis	229	15	20	264
Entero-colitis	33	....	2	35
Enlarged glands	....	....	3	3
Epididimitis	4	....	3	7
Epilepsy	182	6	19	209
Epistaxis	42	5	2	47
Erythema	23	5	1	29
Erysipelas	36	9	27	72
Excoriations	29	....	....	29
Extraction of teeth	29	47	....	76
Fevers, malaria	3415	519	248	4182
" remittent	16	7	36	59
" typhoid	12	5	14	31
Fistula	7	....	2	9
Foreign bodies rem'vd	204	77	87	368
Fractures	297	150	72	519
Frost bites	16	3	2	21
Furuncles	71	36	18	125
Gangrene	1	....	2	3
Gastralgia	17	8	....	25
Gastritis	312	37	40	389
Gastro Enteritis	59	....	2	61
Glaucoma	1	....	....	1
Gingivitis	6	....	1	7
Goitre	1	1	1	3
Habit, cocaine	4	....	....	4
" morphine	36	....	2	38
Haematoma	3	....	1	4
Haematemisis	5	....	....	5
Haemoptysis	5	....	1	6
Heart, funct'l dis. of	77	....	5	82
" organic "	69	1	4	74
Hemorrhages	8	3	1	12
Hemorrhoids	142	7	1	150
Hemiplegia	12	2	....	14
Hepatitis	160	7	....	167
Hernia	8	2	2	12
Herpes Zoster	32	3	1	36
Hypochondria	3	....	....	3
Hysteria	13	4	12	29
Impetigo	2	....	..	2
Icterus	9	....	1	10
Inanition	3	....	6	9
Incontinence urine	4	4	5	13
Indigestion	51	34	10	95
Inflammation	32	....	1	33
Insolations	2	4	11	17
Insomnia	29	2	1	32
Intestinal colic	89	....	....	89
LaGrippe	207	105	42	354
Laryngitis	68	5	4	77
Leucorrhoea	19	1	2	22
Lipoma	1	....	....	1
Locomotor ataxia	4	10	....	14
Lumbago	337	26	11	374
Lymphangitis	3	3	....	6
Mastitis	8	...	....	8
Melancholia	3	....	....	3
Menopause	2	3	4	9
Menorrhagia	28	....	1	29
Metritis	9	4	....	13
Metrorrhagia	2	5	....	7

DIAGNOSIS.	Central.	Branch No. 1.	Branch No. 2.	Total.
Migrane	3	8	5	16
Miscarriage	8	....	5	13
Myalgia	5	3	4	12
Necrosis	5	....	....	5
Nephritis	62	6	32	100
Nervous prostration	6	....	1	7
Neuralgia	181	70	50	301
Neurasthenia	75	5	12	92
Neuritis	17	5	8	30
Neurosis	1	1	1	3
Odontalgia	24	....	2	26
Oedema	3	1	11	15
Ophthalmia	....	....	2	2
Onychia	36	....	3	39
Orchitis	10	2	1	13
Otalgia	5	....	....	5
Otitis externa	2	....	....	2
Otitis media	26	5	5	36
Ovaritis	26	....	6	32
Paralysis	18	1	4	23
Paresis	1	....	....	1
Parotiditis	33	13	3	49
Paronychia	17	....	3	20
Pediculosis	76	....	4	80
Peritonitis	9	....	5	14
Pertusis	11	2	....	13
Periostitus	9	5	1	15
Pharyngitis	94	5	12	111
Phymosis	2	1	....	3
Phlebitis	1	1	....	2
Phthisis pulmonalis	186	6	70	262
Pleurisy	369	12	11	392
Pleurodynia	1	8	....	9
Plumbism	1	....	....	1
Pneumonia	85	5	2	92
Poisoning, ivy	63	3	3	69
" chloral	1	....	1	2
" carbolic acid	3	....	....	3
" arsenic	1	1	4	6
" lead	11	....	....	11
" lye	1	....	....	1
" morphine	4	2	3	9
" opium	2	....	1	3
" turpentine	1	....	....	1
Pregnancy	6	5	1	12
Proctitis	1	....	1	2
Prostitis	3	....	....	3
Pruritis	14	....	....	14
Psoriasis	5	4	....	9
Ptyalism	6	1	1	8
Pulmonary, not defined	11	....	4	15
Pyrosis	1	....	....	1
Rachitis	2	....	....	2
Ranula	3	....	....	3

DIAGNOSIS.	Central.	Branch No. 1.	Branch No. 2.	Total.
Retention of urine	24	6	3	33
Rhinitis	13	9	....	22
Rheumatism	1561	123	101	1785
Rubeola	22	....	3	25
Salivation	5	....	....	5
Scabies	64	....	...	64
Scalds	8	....	8	16
Sciatica	11	....	3	14
Scrofula	13	19	1	33
Seborrhoea	1	....	....	1
Senility	96	4	4	104
Septicaemia	2	....	....	2
Singultus	3	....	2	5
Sprains	574	102	75	751
Stomatitis	10	8	6	24
Strictures	7	2	5	14
Syncope	2	....	1	3
Synovitis	12	....	5	17
Syphilis	49	....	34	83
Taenica solium	25	....	6	31
Tinae circinati	32	1	2	35
Thecitis	4	....	2	6
Tonsillitis	440	57	60	557
Tortocolis	13	1	2	16
Trachitis	3	....	....	3
Toxaemia	3	....	....	3
Thrush	8	....	....	8
Tumors	3	2	3	8
Ulcers	1125	105	57	1287
Uraemia	2	....	2	4
Urethritis	12	1	1	14
Urticara	36	1	1	38
Uterine	60	....	3	63
Vaccinia	46	....	37	83
Vaccine sores	28	13	14	55
Vaginitis	1	....	....	1
Varicocele	6	....	6	12
Varicose veins	17	....	12	29
Vertigo	37	6	3	46
Varicella	7	3	1	11
Whitlow	17	19	1	37
Wounds, contused	992	218	189	1399
" gunshot	159	58	58	275
" incised	404	184	166	754
" infected	210	344	38	592
" lacerated	1894	816	178	2888
" internal injuries	113	....	7	120
" penetrating	92	5	8	105
" punctured	182	82	64	328
" scalp	826	257	132	1215
	26,674	4406	3213	34,293

V.

CITY HOSPITAL.

Presenting twelve tables, etc., as follows:

Table No. 1. Showing by classes and orders the diseases treated.
Table No. 2. Showing number of patients admitted, discharged, etc.
Table No. 3. Showing deaths within forty-eight hours.
Table No. 4. Showing coroner's cases.
Table No. 5. Showing transfers.
Table No. 6. Showing births and stillborn.
Table No. 7. Showing ages of patients.
Table No. 8. Showing nativity of patients.
Table No. 9. Showing occupations.
Table No. 10. Showing balance sheet.
Table No. 11. Showing net cost, etc., of Hospital.
Table No. 12. Showing sundry statistics.

TABLE NO. 1.

DISEASES.	Remaining April 1, 1900.	Discharged.			Transferred to Insane Asylum.	Died.	Remaining April 1, 1901.	Total No. of Patients Treated.
		Recovered	Improved.	Not Improved.				
All Causes								
CLASSES.								
1. Zymotic	133	1405	918	58		66	101	2681
2. Constitutional	77	88	609	78		183	60	1095
3. Local	224	602	1327	131	287	438	218	3227
4. Development		130	209	68		45	22	474
5. Violence	107	470	1846	39		197	127	2286
6. Nihil	23			240			6	269
Totals	564	2695	4409	614	287	929	584	10032
CLASS NO. 1.—ZYMOTIC.								
Order 1—Miasmatic	46	592	263	7		45	39	992
" 2—Enthetic	52	75	321	45		4	42	539
" 3—Dietic	35	136	331	5		17	20	1144
" 4—Parasitic		2	3	1				6
Totals	133	1405	918	58		66	101	2681
CLASS NO. 2.—CONSTITUTIONAL.								
Order 1—Diathetic	27	77	292	35		18	20	469
" 2—Tubercular	50	11	317	43		65	40	626
Totals	77	88	609	78		183	60	1095
CLASS NO. 3.—LOCAL.								
Order 1—Nervous System	28	94	266	44	287	36	27	782
" 2—Ear System	2	1	7	2			1	13
" 3—Circulatory System	8	14	80	7		40	24	156
" 4—Respiratory System	49	188	224	11		167	20	664
" 5—Digestive System	12	116	192	27		48	61	415
" 6—Urinary System	62	52	188	18		140	16	521
" 7—Generative System	4	21	42	8		1	7	95
" 8—Locomotory System	9	20	84	1		1	9	73
" 9—Eye System	8	7	35	1			7	55
" 10—Integumentary System	47	86	259	2		5	46	455
Totals	224	602	1327	131	287	438	218	3228
CLASS NO. 4.—DEVELOPMENT.								
Order 1—Children			1			6		7
" 2—Women		120	75	12		5	8	220
" 3—Age		10	133	56		34	14	247
Totals		130	209	68		45	22	474
Order 1—Suicides, Accidents and Negligence	107	470	1846	39		197	127	2286
Order 1—Nihil	23			240			6	269

CLASS NO. 1.—ZYMOTIC. ORDER NO. 1.—MIASMATIC DISEASES.

DISEASES.	Remaining April 1, 1900.	Discharged.			Transferred to Insane Asylum.	Died.	Remaining April 1, 1901.	Total No. of Patients Treated.
		Recovered	Improved.	Not Improved.				
Cholera Morbus	.....	3	2	.....	.....	.....	.....	5
Colic	2	3	.....	.....	.....	.....	.....	5
Diarrhœa	1	.....	.....	.....	.....	.....	.....	1
Diphtheria	5	141	5	....	.....	13	5	169
Dysentery	3	22	32	3	....	7	4	71
Entercolitis	.....	4	2	....	.....	2	1	9
Erysipelas	4	44	5	.....	.....	9	3	65
Fever Continued	.....	....	.....	....	.....	....	.....	.....
" Intermittent	.....	....	.....	....	.....	....	.....	.....
" Malaria	18	267	179	4	.....	3	20	491
" Remittent	.....	.....	.....	.....	.....	.....	.....	.....
" Scarlet	2	1	.....	.....	.....	1	.....	4
" Typhoid	5	41	15	.....	.....	7	3	71
Measles	4	44	9	.....	.....	.....	.....	57
Scarlatina	....	....	.....	....	.....	.....	.....	.....
Septicæmia	.....	1	.....	.....	.....	3	.....	4
Tonsilitis	2	17	11	.....	.....	.....	3	33
Varicella	.....	4	2	.....	.....	.....	.....	6
Varioloid	.....	.....	.....	.....	.....	.....	.....	.....
Variola	.....	.....	1	.....	.....	.....	.....	1
ORDER NO. 2.—ENTHETIC DISEASES.								
Bubo	1	14	39	3	.....	.....	6	63
Chancre	.....	....	8	1	.....	.....	2	11
Chancroid	5	14	47	3	.....	.....	4	73
Condyloma	.....	.....	.....	.....	.....	.....	.....	.....
Gleet	....	....	....	.....	.....	.....	.....	.....
Gonnorrhœa	.....	26	55	12	.....	....	10	103
Hydrophobia	.....	.....	.....	.....	.....	.....	.....	.....
Iritis Syphilitic	.....	.....	.....	.....	.....	.....	.....	.....
Syphilis Cerebral	2	21	172	26	....	4	20	245
Syphilis	....	.....	.....	.....	.....	.....	.....	.....
Syphilitic Ulcers	8	....	.....	.....	.....	.....	.....	8
Venereal Warts	36	.....	.....	.....	.....	.....	.....	36
ORDER NO. 3.—DIETIC DISEASES.								
Alcoholism—Acute	35	736	331	5	....	17	20	1,144
" Chronic	....	....	....	....	.....	....	.....	.....
ORDER NO. 4.—PARASITIC DISEASES.								
Pediculosis	.....	1	3	1	.....	.....	1	6
Tienia Sodium	....	1	....	.....	.....	.....	.....	1

CLASS 2.—CONSTITUTIONAL ORDER NO. 1.—DIATHETIC DISEASES.

DISEASES.	Remaining April 1, 1900.	Discharged.			Transferred to Insane Asylum.	Died.	Remaining April 1, 1901.	Total No. of Patients Treated.
		Recovered	Improved.	Not Improved.				
Anæmia	.....	.....	2	.....	.....	1	.....	3
Cancer of Face	.....	1	2	2	.....	1	.....	6
" " Oesophagus	.....	.....	.....	.....	.....	.....	.....	.....
" " Stomach	....	.....	4	2	.....	3	....	9
Cancerous Cachexia	.....	.....	12	10	.....	12	2	36
Carcinoma of Breast	.....	.....	.....	.....	.....	.....	.....	.....
" " Liver	1	.....	.....	1	.....	.....	.....	2
" " Tongue	.....	.. ..	.....	.....	.....	.....	.....	.....
" " Uteri	....	.....	.....	1	.....	.....	.....	1
Elephantiasis	2	.....	.....	.....	.....	.....	.....	2
Lumbago	... .	7	12	....	.....	.....	.....	19
Rheumatism	24	69	257	17	.....	1	16	378
Sarcoma	.....	.....	2	2	.....	.....	.....	4
Sciatica	.....	.....	7	.....	.....	.....	2	6

ORDER NO. 2.—TUBERCULAR DISEASES.

DISEASES.	Remaining April 1, 1900.	Discharged.			Transferred to Insane Asylum.	Died.	Remaining April 1, 1901.	Total No. of Patients Treated.
		Recovered	Improved.	Not Improved.				
Phthisis Pulmonalis	45	11	314	43	.....	165	40	618
Potts Disease	.....	.....	3	.....	.....	.....	.....	3
Pulmonary Grangrene	.....	.....	.....	.....	.....	.....	.....	.....
Tuberculosis Hip Joint	.....	.....	.....	.....	.....	.....	.....	.....
" Spondylitis	.....	.....	.....	.....	.....	.....	.....	.....
" Meiningitis	.....	.....	.....	.....	.....	.....	.....	.....
Tuberculosis General	5	.....	.....	.....	.....	.....	.....	5

CLASS NO. 8.—LOCAL DISEASES. ORDER NO. 1.—DISEASES OF THE NERVOUS SYSTEM.

Cephalalgia	.....	1	3	.....	.....	.....	3	7
Cerebral Hemorrhage	.....	.....	2	1	.....	7	.....	10
Chorea	1	1	5	2	.....	1	.....	10
Congestion Cerebral	.....	.....	.....	.....	.....	.....	.....	.....
Delirium Tremens	3	.....	.....	.....	.....	.....	.....	3
Dementia	1	.....	6	2	43	.....	3	126
Epilepsy	10	26	93	.....	.....	2	4	135
Hemiplegia	2	3	11	4	.....	4	2	26
Hysteria	1	11	23	2	.....	.....	2	39
Insanity	1	5	18	12	153	.....	2	191
Insolation	.....	17	10	1	.....	6	.....	34
Locomotor Ataxia	2	.....	4	7	.....	1	1	10
Meningitis Cerebral	1	1	.....	.....	.....	.....	.....	2
Monoplegia	.....	.....	.....	.....	.....	.....	.....	.....
Migraine	.....	1	.....	.....	.....	6	.....	7
Microcephalous	.....	.....	.....	.....	.....	.....	.....	.....
Myalgia	.....	3	4	.....	.....	.....	.....	7
Myelitis Transverse	.....	1	3	2	.....	1	.....	7
Neuralgia	.....	5	15	1	.....	.....	3	24
Neurasthenia	3	7	21	3	.....	.....	4	38
Neuritis	1	.....	3	2	.....	1	.....	7
Sclerosis	.....	.....	.....	.....	.....	.....	.....	.....
Observation	.....	11	22	4	19	.....	2	58
Paralysis	2	1	23	5	2	3	1	37
Tetanus	.....	.....	.....	.....	.....	4	.....	.....

ORDER NO. 2.—DISEASES OF THE EAR.

Otitis Media	2	1	7	2	.....	.....	1	13

ORDER NO. 3.—DISEASES OF CIRCULATORY SYSTEM.

Angina Pectoris	.....	.....	2	.....	.....	.....	.....	2
Aneurism	3	.....	3	.....	.....	4	.....	10
Aortic Stenosis	.....	.....	.....	.....	.....	.....	.....	.....
Apoplexy Cerebral	1	1	2	2	.....	7	2	15
Endocarditis	2	1	7	2	.....	2	.....	14
Epistaxis	.....	6	.....	.....	.....	.....	.....	6
Fatty Degeneration of the Heart	.....	.....	.....	.....	.....	1	.....	1
Mitral Insufficiency	2	4	48	3	.....	11	3	71
Pericarditis	.....	1	5	.....	.....	1	.....	7
Thrombosis	.....	1	.....	.....	.....	.....	.....	1
Valvular Disease of Heart	.....	.....	13	.....	.....	14	2	29

ORDER NO. 4.—DISEASES OF RESPIRATORY SYSTEM.

Asthma	1	10	38	3	.....	8	2	62
Bronchitis Acute	22	38	86	4	.....	5	6	161
Bronchitis Chronic	.....	.....	.....	.....	.....	.....	.....	.....
Catarrh	.....	.....	2	.....	.....	.....	1	3
Emphysema	.....	1	3	.....	.....	1	.....	5
Influenza	2	14	13	1	.....	1	3	34
Laryngitis	.....	.....	5	.....	.....	.....	.....	5
Oedema Glottidis	.....	.....	.....	.....	.....	10	.....	10
Pleuritis	.....	22	19	3	.....	15	2	51
Pharyngitis	.....	5	6	.....	.....	.....	.....	11
Pneumonia	24	98	52	.....	.....	137	10	322
Pyæmia	.....	.....	.....	.....	.....	.....	.....	.....

ORDER NO. 5.—DISEASES OF THE DIGESTIVE SYSTEM.

Abscess of Liver								
Appendicitis	2	10	5	1		3		21
Ascites			1	1				2
Cirrhosis of Liver		1	19	4		17		41
Colitis								
Constipation		3	6					9
Dyspepsia								
Enteritis		13	25			4	4	46
Fistulo in Ano		4	11	3			3	21
Gastralgia		6	14	1		5	2	28
Gastritis	4	46	59	2		3	6	120
Gastric Catarrh								
Gastric Ulcers								
Hemorrhoids	5	12	13	4			2	36
Hepatitis		1	3	3				7
Hernia	1	12	27	7		2	3	52
Hernia Strangulated		1	1	1				3
Intestinal Obstructions		4	3			1		8
Jaundice		2	3			1		6
Peritonitis		1	2			12		15
Perityphilitis								
Scurvy								
Stricture of Rectum								

ORDER NO. 6.—DISEASES OF URINARY SYSTEM.

DISEASES.	Remaining April 1, 1900.	Discharged.			Transferred to Insane Asylum.	Died.	Remaining April 1, 1901.	Total No. of Patients Treated.
		Recovered	Improved.	Not Improved.				
Cystitus	7	7	17	1			6	38
Diabites			2			2		4
Nephritis	49	36	146	13		88	52	384
Retention of Urine	1	1	8					10
Stone in Bladder								
Stricture Urethra		8	13	4		5	3	33
Uraemia	5		2			45		52

ORDER NO. 7.—DISEASES OF GENERATIVE SYSTEM.

Antroversion of Uterus			3				1	4
Balanitis								
Castration								
Circumcision								
Dysmenorrhoea		3	4				2	9
Epididymitis		1	2	1			3	7
Hyrocele								
Mamoritis								
Masturbation								
Fibroid Tumor, Uterus		1	3					4
Orchitis	2	5	12	1			4	24
Phimosis		1	4	3			3	17
Prolapsus Uterine								
Salpingitis		7	14	3		1	2	27
Urethritis	2						1	3
Uterine Hemorrhage								
Varicocele								

ORDER NO. 8.—DISEASES OF LOCOMOTORY SYSTEM.

Arthritis	8	6	8	1		1	2	26
Bursitis			2					2
Carcies	1							1
Erythema								
Necrosis		3	10				3	16
Periastitis		9	6					15
Synovitis		2	6				2	10
Tabes Dorsalis			2					2

ORDER NO. 9.—DISEASES OF THE EYE.

DISEASES.	Remaining April 1, 1900.	Discharged.			Transferred to Insane Asylum.	Died.	Remaining April 1, 1901.	Total No. of Patients Treated.
		Recovered	Improved.	Not Improved.				
Astigmatism			2				2	4
Blepharitis								
Cataract			3				2	5
Conjunctivitis		4	17	1			2	24
Entropion								
Glaucoma								
Granular Lids							2	2
Iritis	1	2	12				1	16
Keratitis	2	1	1					4
Leucoma								
Staphyloma								
Trachoma								
Ulceration of Cornea		7	35	1			9	52

ORDER NO. 10.—DISEASES OF THE INTEGUMENTARY SYSTEM.

Abscesses	3	29	56	3			20	111
Abscess, Ichio Rectal		1	1			2	2	6
Abscess, Psoas		1	3	1		2		7
Abscess, Pelvic						1		1
Adenitis		4	11	1				16
Carbuncle		1	3	2			1	7
Cellulitis	10	25	49				4	88
Dermatitis		2	3	1				6
Eczema	1	9	9	2			3	24
Ephithelioma								
Furuncles		4	3					7
Herpes		1	3					4
Lymphangitis			2					2
Mumps		6	3					9
Scabies								
Ulcers, Varicose	3							3
Ulcers	30	28	112	2			16	188
Varicose Veins			1					1
Vertigo								

CLASS 1.—DEVELOPMENT. ORDER NO. 1.—CHILDREN.

Inanition			1			3		
Stillborn						1		

ORDER 2.—WOMEN.

Abortion		14	16					30
Endometritis		2	11	2			2	17
Labor								
Miscarriage		5	4				2	11
Pregnancy		94	48	8		1	4	155
Puerperal Septcaemia		2				4		6
Pyosalpynx								
Ovaritis		3	6	2				11

ORDER 3.—AGE.

Debility	7	10	133	56		34		240

CLASS 5.—VIOLENCE, ORDER, ACCIDENTS, NEGLIGENCE, ATTEMPTED SUICIDES.

DISEASES.	Remaining April 1, 1900.	Discharged.			Transferred to Insane Asylum.	Died.	Remaining April 1, 1901.	Total No. of Patients Treated.
		Recovered	Improved.	Not Improved.				
Amputation Arm								
" Finger.								
" Foot.								
" Hand								
" Leg								
Asphyxiation		2	1			1		4
Bites, Dog								
" Man								
Bone in Throat								
Burns	8	6	45			17		76
Concussion of Brain	1	5	14			2		22
Contusions	28	56	210	7		6	10	317
Contusion of Brain								
Crushed Legs		1	1			2		4
Dislocations	2	10	26	2		1	4	45
Fracture Clavicle		4	20			2	2	
" Calles		3	16				2	
" Femur		23	49	6		9	4	
" Fibula		6	18				1	
" Foot		5	21	1				
" Humerus		7	20	2		1	6	
" Maxilla		2	19			1	1	
" Nose		3	7					
" Patella		1	5					
" Pelvis		1	3	1				
" Potts		4	5	5			1	
" Radius		3	20				2	
" Ribs		10	22	2		3	3	
" Scapula			3				1	
" Skull		9	32	1		25	2	
" Tibia		12	27	1		1	6	
" Vena			18				2	
" Vertebra		1	1			1		
Frost Bite		2	5					
Injury to Eye								
" Face								
" Hand								
" Knee								
" Internal			2			3		
Poisoning Aconite								
" Ammonia								
" Arsenic		6	8			8	1	
" Atropine								
" Belladonna								
" Carbolic Acid		21	15			6	2	
" Cocaine		6	7	1				
" Digitalis		1				1		
" Laudanum		1	1			1		
" Lead		3						
" Mercury								
" Nicotine								
" Oil of Tansy								
" Opium		12	6	1		2		
" Paris Green								
" Phosphorus								
" Strychnia		1	1					
" Morphine		45	34	2		18	2	
Rupture of Spleen						2		
Sprain of Ankle		16	20	1			1	
" Arm		10	30	1			2	
Sprain of Back		6	4	1				
Wounds Incised	5	16	74	1		3	20	119
" " of Neck								
" " of Throat								
" Lacerated	3	39	111	3		3	18	177
" Penetrating		12	85	2		4	10	108
" Punctured	1	9	24			5	6	45
" Gunshot of Abdomen	2	8	12			27	2	51
" " of Back		3	18	1		5	2	29
" " of Chest		6	21	1		2	2	28
" " of Head	1	2	11	1		12	1	32
" Stab of Abdomen	3	8	18			4	1	34
" Scalp	8	60	236			8	10	322
Coroner's Cases Unclassified						11		11
Nihil	23			240			6	269

TABLE NO. 2.

NO. REMAINING APRIL 1, 1900.		NO. REMAINING APRIL 1, 1901.	
Males, White	433	Males, White	393
Males, Colored	72	Males, Colored	93
Females, White	52	Females, White	37
Females, Colored	7	Females, Colored	11
Total	564	Total	534

TOTAL ADMITTED.

MONTH.	April.	May.	June.	July.	August.	September	October.	November.	December.	January.	February.	March.	Total.
Males, White	528	480	453	522	511	460	450	467	476	470	436	521	5,774
Males, Colored	115	124	76	102	100	96	86	66	106	78	75	87	1,111
Females, White	141	154	139	132	148	131	138	109	148	132	132	112	1,616
Females, Colored	36	43	85	58	84	23	35	29	38	84	37	29	441
Total	820	801	713	814	793	710	709	671	768	714	680	749	8,942

TOTAL DISCHARGED.

Males, White	605	511	462	521	501	417	492	416	437	488	400	523	5,773
Males, Colored	123	120	91	97	100	92	82	56	83	85	79	83	1,091
Females, White	158	162	127	135	138	127	149	107	133	138	129	130	1,633
Females, Colored	33	37	45	55	44	20	29	30	39	40	33	32	437
Total	919	830	725	808	783	656	752	609	692	751	641	768	8,934

TOTAL DEATHS.

Males, White	76	46	41	39	47	42	53	37	66	56	49	73	625
Males, Colored	14	25	12	8	12	6	9	6	12	16	9	18	147
Females, White	13	6	10	6	7	10	12	9	10	7	11	15	116
Females, Colored	4	4	7	5	3	3	6	1	1	6	1	5	41
Total	107	81	65	58	69	61	80	53	89	85	70	111	929

SOCIAL CONDITION OF PATIENTS ADMITTED.

	Male.	Female.	Total.		Male.	Female.	Total.
Single	5,227	1,083	6,310	Unknown	80	32	112
Married	1,208	722	1,930				
Widowed	370	220	590	Total	6,885	2,057	8,942

TABLE NO. 3.

SHOWING DEATHS WITHIN FORTY-EIGHT HOURS.

MONTH.	April.	May.	June.	July.	August.	September	October.	November.	December.	January.	February.	March.	Total.
Males, White	6	8	11	4	17	9	10	10	8	11	11	8	114
Males, Colored	3	1	2	3	1	4	5	2	4	4	3	2	30
Females, White	2	1	2	4	2	1	4	2	....	2	3	3	28
Females, Colored	0	....	....	1	....	....	3	....	....	....	1	....	7
Total	11	10	15	12	20	14	22	14	12	17	19	13	179

TABLE NO. 4.

SHOWING CORONER'S CASES.

MONTH.	April.	May.	June.	July.	August.	September	October.	November.	December.	January.	February.	March.	Total.
Males, White	14	18	16	9	19	11	12	18	14	11	11	13	156
Males, Colored	2	7	3	4	4	...	3	2	4	1	3	3	35
Females, White	5	....	2	1	2	6	3	2	3	3	3	4	39
Females, Colored	....	1	....	4	1	1	3	....	....	2	1	.	13
Total	21	21	21	18	26	18	26	17	21	17	18	20	244

TABLE NO. 5.

SHOWING TRANSFERS TO INSANE ASYLUM.

MONTH.	April.	May.	June.	July.	August.	September	October.	November.	December.	January.	February.	March.	Total.
Males, White	12	9	8	15	22	12	13	12	10	20	15	14	162
Males, Colored	4	2	....	....	2	...	1	2	13	2	2	...	28
Females, White	11	10	6	7	9	4	7	8	1	5	4	9	81
Females, Colored	....	....	3	4	1	1	2	....	..	1	1	3	16
Total	27	21	17	26	34	17	23	22	24	28	22	26	287

TABLE NO. 6.

SHOWING BIRTHS AND STILLBORN.

MONTH.	April.	May.	June.	July.	August.	September	October.	November.	December	January.	February.	March.	Total.
Males, White	3	1	3	1	1	2	2	....	...	1	2	..	16
Males, Colored	..	...	1	...	....	....	....	2	2	...	....	2	7
Females, White	3	2	....	....	1	1	2	....	..	1	1	1	12
Females, Colored	....	2	2	1	...	....	..	...	....	1	...	..	6
Total	6	5	6	2	2	3	4	2	2	3	3	3	41

TABLE NO. 7.

TABLE SHOWING AGES OF PATIENTS ADMITTED.

	Male.	Female.	Total.
Under 1 year	30	28	58
From 1 to 10 years	91	100	191
" 10 to 20 years	530	175	705
" 20 to 30 years	1,801	600	2,401
" 30 to 40 years	1,709	591	2,300
" 40 to 50 years	1,100	150	1,250
" 50 to 60 years	808	262	1,070
" 60 to 70 years	580	50	630
" 70 to 80 years	150	31	181
" 80 to 90 years	20	13	33
" 90 to 100 years	6	3	9
Unknown	60	54	114
Total	6,885	2,057	8,942

TABLE NO. 8.

SHOWING NATIVITY OF PATIENTS ADMITTED.

	Male.	Fem.	Total.		Male.	Fem.	Total.
Asia	1	....	1	Italy	20	....	20
Austria	30	....	30	Mexico	2	....	2
Alsace	1	1	2	Norway	24	....	24
Australia	2	....	2	Nova Scotia	2	....	2
Bavaria	1	1	2	Prussia	30	5	35
Belgium	10	....	10	Poland	12	1	13
Bohemia	6	4	10	Russia	5	5	10
Brazil	1	....	1	Switzerland	80	4	84
Canada	70	4	74	Sweden	51	2	53
China	6	....	6	Scotland	70	10	80
Cuba	4	....	4	South America	2	....	2
Denmark	20	....	20	Unknown	105	91	196
England	150	10	160	Wales	2	....	2
France	50	5	55	West India	1	....	1
Germany	1,300	120	1,420	United States	3,629	1,677	5,306
Hungary	6	....	6				
Holland	12	....	12	Total	6,885	2,057	8,942
Ireland	1,180	120	1,300				

TABLE NO. 9.

TABLE SHOWING OCCUPATION OF PATIENTS ADMITTED.

Agents	41	Dairymen	5	Moulders	45	Shoemakers	80
Artists	8	Dentists	7	Machinists	60	Seamstresses	30
Actors	6	Druggists	10	Motormen	6	Salesmen	30
Auctioneers	2	Electricians	12	Merchants	18	Saloonmen	40
Blacksmiths	46	Engineers	50	Miners	14	Stonemasons	30
Butchers	58	Firemen	33	Millers	3	Solicitors	10
Bricklayers	40	Farmers	27	Musicians	4	Schoolboys	15
Brass-workers	5	Gardeners	30	Nihil	430	Switchmen	10
Bakers	60	Gasfitters	10	Nurses	15	Saddlers	6
Bootblacks	6	Housework.	1177	Newsboys	8	Soldiers	3
Brewers	10	Hostlers	40	Painters	100	Teamsters	190
Bell-boys	6	Harnessmakers	10	Prostitutes	130	Tailors	50
Bookkeepers	24	Ironworkers	8	Porters	90	Tanners	5
Boiler-makers	9	Jewelers	5	Peddlers	60	Tobacconists	20
Barbers	52	Journalists	10	Printers	30	Teachers	10
Clerks	180	Janitors	8	Physicians	4	Tinners	20
Cooks	145	Jockeys	15	Plumbers	14	Telegraphers	6
Carpenters	170	Laborers	4607	Photograph'rs	2	Upholsterers	10
Coopers	36	Laundresses	80	Plasterers	10	Unknown	130
Coachmen	20	Locksmiths	6	Platers	2	Waiters	70
Conductors	4	Lawyers	8	Railroads	20	Watchmen	10
Clergymen	2	Linemen	10	Roofers	10	Watchmakers	2
Collectors	2						

TABLE NO. 10.

Dr. SHOWING BALANCE SHEET 1900-1901. THE CITY HOSPITAL WITH THE CITY OF ST. LOUIS. *Cr.*

Salaries of Superintendent and Employees		$ 33,960 46	Cr. by Appropriation by Ordinance No. 20152	$111,504 68
Expenses:	Bread	3,014 50	Cr. by Appropriation by Ordinance No. 20202	3,000 00
	Meat and Fish	13,576 90	Cr. by Appropriation by Ordinance No. 20329	8,075 00
	Groceries	14,835 07	Cr. by Appropriation by Special (Sundry)	26,854 68
	Chickens	404 59		
	Vegetables	945 35		$149,434 36
	Milk	5,833 63	Less amount of unpaid bills last fiscal year	1,004 68
	Fuel	5,940 06		
	Gas	1,604 90		
	Ice	1,092 55		
	Drugs, Instruments and Supplies	13,063 59		
	Dry Goods, Clothing and Bedding	5,432 32		
	House Furnishing Goods	4,158 85		
	Forage and Bedding for Horses	443 93		
	Repairing Vehicles and Harness, Horseshoeing	128 55		
	Printing and Stationery (Postage)	1,261 41		
	Oils, Packing, Waste, etc., for Engineer	142 57		
	Lumber and Material for Coffins	524 75		
	Car Tickets	65 00		
	Rent of Telephone	20 00		
	Miscellaneous	.....		
	Labor and Material for Repairing Fences and Maintaining Grounds	258 30		
	Labor and Material for Repairing Buildings, Boilers, Machinery and Steam-Heating Apparatus	2,446 14		
	Rent	12,000 00		
	Special Sundry	.....		
	Special	.....		
	Total	$148,008 10		
	Balance of Appropriation	421 58		
	Total Appropriation	$148,429 68	Total	$148,429 68

TABLE NO. 11.

EXHIBITING THE NET COST OF THE HOSPITAL. COST FOR THE YEAR WAS $147,224.30 AS SHOWN BY THE FOLLOWING CREDITS, VIZ.:—

	Amount.
Money left by deceased patients	$207 50
Board for County pay patients	64 20
Coffins furnished, small, at 60c	189 60
" " large, at $1.50	822 50
Total	$788 80

TABLE NO. 12.

SHOWING SUNDRY STATISTICS.

Daily average number of employees	91
" " " " patients	$58,482 00
Daily per capita expenses of patients	46 53
" " " " " and employees	53 30
Daily average expenses per capita for sustenance, patients and employees	20 67

VI.

INSANE ASYLUM.

Table No. 1. Movement of population.
Table No. 2. Forms of mental derangement of patients admitted during the year.
Table No. 3. Form of mental derangement of patients discharged as unimproved.
Table No. 4. Form of mental derangement of patients discharged as recovered and improved.
Table No. 5. Civil condition of patients discharged as recovered and improved.
Table No. 6. Duration of mental derangement in patients discharged as recovered and improved, previous to their admission to the Asylum.
Table No. 7. Duration of stay at the Asylum of patients discharged as recovered and improved.
Table No. 8. Ages of patients discharged as recovered and improved.
Table No. 9. Occupation previous to admission of those admitted during the year.
Table No. 10. Civil condition of those admitted within the year.
Table No. 11. Age of those admitted and of those remaining at close of the year.
Table No. 12. Religion of those admitted within the year, and of those remaining at the close of the year.
Table No. 13. Nativity of those admitted within the year, and of those remaining at the end of the year.
Table No. 14. Ages at time of death of those who died within the year.
Table No. 15. Puerperum, trauma capitis, insulation, infectious diseases and overwork as causes of insanity in cases admitted during the year.
Table No. 16. Showing heredity and acquired alcoholism and syphilis as causes in cases admitted during the year.
Table No. 17. Showing insane heredity in the 436 cases admitted during the year.
Table No. 18. Causes of deaths occurring within the year.
Table No. 19. Approximate age of 52 patients admitted during the year, while suffering with dementia paralytica at the incipiency of the disease.
Table No. 20. Time elapsed between the appearance of first symptoms of dementia paralytica and death caused by it, in the patients who died within the year.
Table No. 21. Financial statement for the fiscal year ending March 31, 1901.
Table No. 22. Per capita cost of maintenance.
Table No. 23. Number of pay patients and St. Louis County patients at close of the year.
Table No. 24. Products of the farm and garden.

TABLE NO. 1.

MOVEMENT OF POPULATION.

	MEN.			WOMEN.			TOTAL.
	White.	Colored.	Total.	White.	Colored.	Total.	
Admitted during the year	223	21	244	182	23	205	449
Less readmissions during the year	9	....	9	4	....	4	13
	214	21	235	178	23	201	436
Number at beginning of the year	336	21	357	225	19	244	601
Whole number treated within the year	550	42	592	403	42	445	1037
Discharged, recovered	18	....	18	21	2	23	41
Discharged, improved	33	1	34	24	5	29	63
Discharged, unimproved	40	4	44	41	3	44	88
Discharged, not insane	1	....	1	....	....	....	1
Discharged, not ascertained	1	....	1	....	....	....	1
Died	62	15	77	13	7	20	97
Trans. to Insane Dept. of Poor House	40	7	47	38	5	43	90
Total discharged	195	27	222	137	22	159	381
Remaining March 31, 1901	364	15	379	270	20	290	669
Daily average number present			$384\frac{87}{365}$			$275\frac{191}{365}$	$659\frac{278}{365}$

TABLE NO. 2.

FORMS OF DERANGEMENT OF PATIENTS ADMITTED DURING THE YEAR.

	Men.	Women.	Total.
Mania simplex	12	30	42
Melancholia simplex	15	34	49
Melancholia cum stupor	5	10	15
Stupor	2	1	3
Hallucinatory delirium	....	1	1
Folie raisonante	....	1	1
Paranoia	4	6	10
Periodic insanity	5	7	12
Neurasthenic insanity	9	5	14
Hysterical insanity	1	1	2
Epileptic insanity	22	9	31
Hypochondriacal insanity	1	2	3
Alcoholismus acutus	20	1	21
Alcoholismus chronicus	22	6	28
Morphinismus	1	2	3
Nicotinismus	1	....	1
Delirium acutum	3	2	5
Dementia paralytica	43	9	52
Dementia senilis	19	18	37
Lues cerebralis	3	3	6
Lues cerebralis and moral idiocy	....	1	1
Imbecility	14	10	24
Idiocy	5	4	9
Imbecility and epilepsy	1	....	1
Dementia following —			
(1) mania simplex	....	1	1
(2) melancholia simplex	...	9	9
(3) puerperium	....	1	1
(4) melancholia cum stupore	....	1	1
(5) hallucinatory delirium	....	1	1
(6) alcoholismus chronicus	4	....	4
(7) alcoholismus and trauma capitis	....	1	1

	Men.	Women.	Total.
(8) morphinismus chronicus	....	1	1
(9) lues cerebralis	....	1	1
(10) unknown psychoses	7	12	19
(11) typhoid fever	1	....	1
(12) cerebral apoplexy	2	2	4
(13) trauma capitis	6	2	8
(14) masturbation	1	....	1
Cerebrasthenia	1	1	2
Hysteria	....	1	1
Not insane (eccentric)	1	....	1
Unascertainable	....	1	1
Not ascertained (too brief a stay)	4	3	7
Total	235	201	436
Readmissions	9	4	13
Total	244	205	449

APPENDIX TO TABLE NO. 2.

Of the 8 cases appearing as not ascertained in Table No. 2, last year's report, the following have been properly classified since: —

	Men.	Women.	Total.	Total of Cases for the Year.
Periodic insanity	1	..	1	8
Dementia paralytica	..	1	1	29
Dementia, following: —				
(1) trauma capitis	1	..	1	4
(2) unknown psychoses	1	..	1	37
Not ascertainable before discharge	1	3	4	4
Balance unchanged in Table No. 2	..	..	..	330
Total	4	4	8	412

TABLE NO. 3.

FORM OF MENTAL DERANGEMENT OF PATIENTS DISCHARGED AS UNIMPROVED.

	Men.	Women.	Total.
Maniacal exaltation	1	..	1
Mania simplex	1	2	3
Melancholia simplex	2	1	3
Melancholia cum stupore	1	4	5
Cerebrasthenia	1	..	1
Hysteria	..	1	1
Neurasthenic insanity	2	2	4
Hysterical insanity	..	1	1
Epileptic insanity	9	4	13
Hypochondriacal insanity	..	1	1
Paranoia	1	4	5
Alcoholismus acutus	1	..	1
Alcoholismus chronicus	2	1	3
Morphinismus chronicus	1	..	1
Dementia senilis	1	3	4
Dementia paralytica	8	3	11
Imbecility	4	1	5
Idiocy	1	1	2
Dementia, following: —			
(1) mania simplex	..	1	1
(2) melancholia simplex	..	1	1
(3) alcoholismus chronicus	1	1	2
(4) typhoid fever	1	..	1
(5) masturbation	2	..	2
(6) cerebral apoplexy	..	1	1
(7) unknown psychoses	1	8	9
Not ascertained (too brief a stay)	3	3	6
Total	44	44	88

TABLE NO. 4.

FORMS OF MENTAL DERANGEMENT OF PATIENTS DISCHARGED AS IMPROVED AND RECOVERED.

	IMPROVED.			RECOVERED.		
	Men.	Women.	Total.	Men.	Women.	Total.
Maniacal exaltation	..	1	1	..	..	..
Mania simplex	3	3	6	5	7	12
Melancholia simplex	6	8	14	3	9	12
Melancholia cum stupore	1	3	4	0	2	3
Stupor	1	1	2	1	1	1
Folie raisonante	..	2	2	..	..	..
Neurasthenic insanity	2	..	2	..	..	..
Hysterical insanity	1	..	1	1	..	1
Epileptic insanity	1	..	1	..	..	..
Periodic insanity	1	2	3	..	1	1
Alcholismus acutus	5	..	5	8	..	8
Alcholismus chronicus	10	2	12	..	1	1
Morphinismus	..	..	..	..	1	1
Morphinismus and cocaineismus chronicus	1	..	1	..	..	..
Lues cerebralis	..	3	3	..	..	..
Lues cerebralis and moral idiocy	..	1	1	..	..	..
Cerebrasthenia	1	1	3	..	1	1
Hysteria	..	1	1	..	..	..
Epilepsy	1	..	1	..	..	..
Total	34	29	63	18	23	41

TABLE NO. 5.

CIVIL CONDITION OF PATIENTS DISCHARGED AS RECOVERED AND IMPROVED.

RECOVERED.						IMPROVED.					
Single.		Married.		Widowed.		Single.		Married.		Widowed.	
Men.	Wom.	Men.	Wom.	Men.	Wom.	Men.	Wom.	Men.	Wom.	Men.	Wom.
9	11	7	9	2	3	19	15	14	12	1	2

TABLE NO. 6.

DURATION OF MENTAL DERANGEMENT IN PATIENTS DISCHARGED AS RECOVERED AND IMPROVED PREVIOUS TO THEIR ADMISSION TO THE ASYLUM.

	RECOVERED.			IMPROVED.		
	Men.	Women.	Total.	Men.	Women.	Total.
One month or less	6	13	19	16	17	33
Two months	2	2	4	2	2	4
Three months	..	..	..	2	..	2
Four months	1	..	1	..	..	..
Five months	1	..	1	2	..	2
Six months	..	..	..	1	..	1
Seven months	..	..	..	1	..	1
Twelve months	2	1	3	..	1	1
Two years	..	..	..	1	2	3
Four years	..	1	1	..	..	..
Five years	..	1	1	..	..	..
Seven years	1	..	1	1	..	1
Twelve years	..	1	1	..	..	..
Not ascertainable	5	4	9	8	7	15
Total	18	23	41	34	29	63

TABLE NO. 7.

DURATION OF STAY AT ASYLUM OF PATIENTS DISCHARGED AS RECOVERED AND IMPROVED.

	RECOVERED.			IMPROVED.		
	Men.	Women.	Total.	Men.	Women.	Total.
One month and less	2	1	3	6	3	9
Two months	6	2	8	5	3	8
Three months	5	2	7	4	4	8
Four months	..	1	1	2	2	4
Five months	1	2	3	3	..	3
Six months	..	..	..	..	3	3
Seven months	..	2	2	2	2	4
Eight months	2	2	4	..	3	3
Nine months	1	3	4	1	3	4
Ten months	..	2	2	2	..	2
Eleven months	..	1	1	1	1	2
Twelve months	1	1	2	3	..	3
Fourteen months	..	1	1	2	2	4
Fifteen months	..	1	1	..	..	..
One year, six months	..	..	..	1	..	1
One year, ten months	..	1	1	..	..	..
Two years	..	1	1	..	1	1
Two years, six months	..	..	..	..	1	1
Three years	..	..	..	1	..	1
Four years	..	..	..	1	..	1
Thirteen years, two months	..	..	..	..	1	1
Total	18	23	41	34	29	63

TABLE NO. 8.

AGES OF PATIENTS DISCHARGED AS RECOVERED AND IMPROVED.

	RECOVERED.			IMPROVED.		
	Men.	Women.	Total.	Men.	Women.	Total.
From 13 to 15 years	..	2	2	1	..	1
From 15 to 20 years	1	3	4	2	3	5
From 21 to 25 years	3	3	6	5	8	13
From 26 to 35 years	5	7	12	14	6	20
From 36 to 40 years	5	..	5	4	4	8
From 41 to 50 years	1	8	9	5	6	11
From 51 to 60 years	3	..	3	2	1	3
From 61 to 70 years	..	..	..	..	1	1
From 71 to 80 years	..	..	..	1	..	..
Total	18	23	41	34	29	63

TABLE NO. 9.

OCCUPATION PREVIOUS TO ADMISSION OF THOSE ADMITTED WITHIN THE YEAR.

	Men.	Women.	Total.
Artists	1	....	1
Agents	1	....	1
Butchers	2	....	2
Bartenders	2	....	2
Barbers	4	....	4
Box makers	1	....	1
Brewers	1	....	1
Blacksmiths	1	....	1
Broommakers	1	....	1
Bookkeepers	3	....	3
Brokers	3	....	3
Chairmakers	1	....	1
Carpenters	5	....	5
Clerks	13	....	13
Conductors	1	....	1
Cooks	1	3	4
Confection	1	....	1

	Men.	Women.	Total.
Carriage trimmers	1	....	1
Domestic services	....	129	129
Druggists	1	....	1
Dentists	1	....	1
Draughtsmen	1	....	1
Engineers	4	....	4
Farmers	6	....	6
Factory girls	....	1	1
Fortune tellers	....	1	1
Foremen	2	....	2
Grocer's boys	1	....	1
Hucksters	1	....	1
Hair-dressers	....	1	1
Hostlers	2	....	2
Horse traders	1	....	1
Harness-makers	1	....	1
Laborers	67	....	67
Lumbermen	1	....	1
Linemen	1	....	1
Laundresses	....	5	5
Miners	1	....	1
Musicians	2	....	2
Machinists	3	....	3
Mechanical engineers	1	....	1
Moulders	4	....	4
Ministers	2	....	2
Milliners	....	1	1
Motormen	2	....	2
Merchants	1	....	1
Nurses	....	1	1
No occupation	16	25	41
Peddlers	3	1	4
Paper hangers	2	....	2
Plumbers	1	....	1
Printers	1	....	1
Prostitutes	....	3	3
Painters	7	....	7
Physicians	1	....	1
Porters	2	....	2
Reporter (newspaper)	1	....	1
Restaurant keeper	1	....	1
Saleslades	....	1	1
Saloon keepers	1	....	1
Shoemakers	6	....	6
Salesmen	4	....	4
Switchmen	2	....	2
Sculptors	1	....	1
Seamstresses	....	11	11
Steamboatmen	1	....	1
School teachers	....	1	1
Storekeepers	....	1	1
Stenographers	....	1	1
Stone cutters	3	....	3
Teamsters	6	....	6
Tailors	2	1	3
Tinners	2	....	2
Teachers	....	2	2
Watchmakers	1	....	1
Washerwoman	....	4	4
Waiters	1	1	2
Not ascertained	21	7	28
Total	285	201	486
Readmissions	9	4	13
Total	244	205	449

TABLE NO. 10.

CIVIL CONDITION OF THOSE ADMITTED WITHIN THE YEAR.

	Men.	Women.	Total.
Single	126	73	199
Married	86	74	160
Widowed	20	50	70
Not ascertained	3	4	7
Total	235	201	436

TABLE NO. 11.

AGES OF THOSE ADMITTED AND OF THOSE REMAINING AT CLOSE OF THE YEAR.

	ADMITTED.			REMAINING.		
	Men.	Women.	Total.	Men.	Women.	Total.
Less than 10 years	2	3	5	...	...	...
Between 10 and 20 years	14	19	33	6	7	13
Between 20 and 30 years	57	53	110	81	69	150
Between 30 and 40 years	69	53	122	116	84	200
Between 40 and 50 years	47	33	80	83	70	153
Between 50 and 60 years	26	18	44	59	34	93
Between 60 and 70 years	10	12	22	28	16	44
Between 70 and 80 years	8	8	16	6	8	14
Between 80 and 85 years	2	2	4	..	2	2
Total	235	201	436	379	290	669

TABLE NO. 12.

RELIGION OF THOSE ADMITTED WITHIN THE YEAR AND OF THOSE REMAINING AT THE CLOSE OF THE YEAR.

	ADMITTED.			REMAINING.		
	Men.	Women.	Total.	Men.	Women.	Total.
Catholic	64	58	122	137	109	246
Congregational	1	..	1	1	1	2
Lutheran	18	20	38	36	23	59
Baptist	8	12	20	2	10	12
Presbyterian	8	5	13	9	10	19
Methodist	6	13	19	19	15	34
Episcopalian	1	7	8	5	9	14
Protestant, denomination unknown.	20	22	42	42	47	89
Not ascertained	63	37	100	70	45	115
Not professed	40	19	59	47	12	59
Jewish	3	5	8	7	6	13
Christian	2	3	5	3	3	6
Spiritualist	1	..	1	1	..	1
Total	235	201	436	379	290	669

TABLE NO. 13.

NATIVITY OF THOSE ADMITTED WITHIN THE YEAR AND OF THOSE REMAINING AT THE END OF THE YEAR.

	ADMITTED.			REMAINING.		
Native:—	Men.	Women.	Total.	Men.	Women.	Total.
Missouri	99	69	157	147	92	239
Illinois	18	15	33	13	21	34
Other States	46	50	96	77	65	142
Total	152	134	286	237	178	415
Foreign: —						
Germany	31	32	66	69	55	124
England	9	5	14	7	5	12
Ireland	13	13	26	36	24	60
Sweden	2	..	2	3	2	5
Russia	2	2	4	2	1	3
Canada	2	..	2	..	2	2
Scotland	2	2	4	1	1	2

	ADMITTED.			REMAINING.		
	Men.	Women.	Total.	Men.	Women.	Total.
Switzerland	2	2	4	3	3	6
Austria-Hungary	8	4	12	6	5	11
France	2	2	4	2	1	3
Italy	2	..	2	3	..	3
China	..	..	..	1	..	1
Newfoundland	1	..	1	1	..	1
Sicily	1	..	1	..	..	..
Turkey	1	..	1	..	..	..
Syria	..	1	1	..	1	1
Denmark	..	..	..	1	..	1
Australia	..	..	..	1	..	1
Norway	..	..	..	..	1	1
At Sea	..	..	..	1	..	1
Holland	..	..	..	1	1	2
West Indies	..	..	..	1	..	1
Total foreign	78	63	141	139	102	241
Summary: —						
Total native	152	134	286	237	178	415
Total foreign	78	63	141	139	102	241
Unknown	5	4	9	3	10	13
Total	235	201	436	379	290	669

TABLE NO. 14.

AGES AT TIME OF DEATH OF THOSE WHO DIED WITHIN THE YEAR.

	Men.	Women.	Total.
From 20 to 25 years	5	1	6
From 26 to 30 years	6	4	10
From 31 to 40 years	18	4	22
From 41 to 50 years	21	1	22
From 51 to 60 years	13	8	21
From 61 to 70 years	5	1	6
From 71 to 80 years	6	1	7
From 81 to 85 years	3	..	3
Total	77	20	97

TABLE NO. 15.

PUERPERIUM, TRAUMA CAPITIS, INSOLATION, INFECTIOUS DISEASES AND OVER-WORK AS CAUSES OF INSANITY IN CASES ADMITTED DURING THE YEAR.

	Total number of Cases Admitted During the Year			Puerperium.		Trauma Capitis.		Insolation.		Infectious Diseases.		Overwork.	
	Men.	Women.	Total.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.
Mania Simplia	12	30	42	....	1	1	2	....	....	.....	1	....	....
Melancholia Simplex	15	34	49	....	4	....	1	....	....	.....	.....	....	...
Melancholia Cum Stupore	5	10	15	....	1	....	....	....	....	.....	.....	....	....
Periodic Insanity	5	7	12	....	....	....	....	....	....	.....	.....	1	....
Epileptic Insanity	22	9	31	....	....	4	1	....	....	.....	.....	....	....
Alcoholismus Acutus	20	1	21	....	....	3	....	....	....	....	1	....	....
Alcoholismus Chronicus	22	6	28	....	....	3	....	....	....	.....	.....	....	....
Dementia Paralytica	43	9	52	....	...	2	....	....	....	.....	.....	....	....
Lues Cerebralis and Moral Idiocy	.....	1	1	....	....	....	....	....	....	.....	1	....	....
Imbecility	14	10	24	....	....	1	1	....	....	.....	.....	....	....
Dementia following:													
(a) Mania Simplex	.....	1	1	....	1	....	....	....	....	.....	.....	....	....
(b) Puerperium	.....	1	1	....	1	....	....	....	....	.....	.....	....	....
(c) Alcoholism and Trauma Capitis	.....	1	1	....	....	....	1	....	....	.....	.....	....	....
(d) Trauma Capitis	6	2	8	....	....	....	2	....	....	.....	.....	....	....
Cerebrasthenia	1	1	2	....	....	....	....	....	....	.....	.....	1	....
Remaining Cases in Table No. 2	70	78	148	....	....	....	....	....	....	.....	.....	....	....
Total	235	201	436	....	8	14	8	....	....	1	2	2	....

TABLE NO. 16.

SHOWING HEREDITARY AND ACQUIRED ALCOHOLISM AND SYPHILIS AS CAUSES IN CASES ADMITTED DURING THE YEAR.

A.—ALCOHOLISM.

	MEN.									WOMEN.									
	Hereditary.			Acquired.			Both.			Hereditary.			Acquired.			Both.			
	Present.	Absent.	Not Ascertained.	Present.	Absent.	Not Ascertained.	Present.	Absent.	Not Ascertained.	Present.	Absent.	Not Ascertained.	Present.	Absent.	Not Ascertained.	Present.	Absent.	Not Ascertained.	TOTAL.
Mania Simplex	1	4	7	1	4	7	..	5	7	4	22	4	..	26	4	..	26	4	42
Melancholia Simplex	1	5	9	..	6	9	..	6	9	4	24	6	3	25	6	..	28	6	49
Melancholia cum Stupore	..	1	4	..	1	4	..	1	4	2	7	1	..	9	1	..	9	1	15
Stupor	2	..	..	..	2	..	..	2	..	..	1	..	..	1	..	..	1	..	3
Hallucinatory Delirium	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	1
Folie Raisonante	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	1	..	1
Paranoia	..	..	4	..	..	4	..	..	4	1	4	1	..	5	1	..	5	1	10
Periodic Insanity	..	1	4	..	1	4	..	1	4	..	7	..	..	7	..	..	7	..	12
Neurasthenic Insanity	..	4	5	..	4	5	..	4	5	1	3	1	..	4	1	..	4	1	14
Hysterical Insanity	1	..	..	..	1	..	..	1	..	..	1	..	..	1	..	..	1	..	2
Epileptic Insanity	2	9	11	..	11	11	..	11	11	1	6	2	..	7	2	..	7	2	31
Hypochondriacal Insa'ity	..	1	..	..	1	..	..	1	..	..	2	..	1	1	..	..	..	2	3
Alcoholismus Acutus	1	9	10	20	..	..	..	10	10	..	1	..	1	..	..	..	1	..	21
Alcoholismus Chronicus	2	7	18	22	..	..	..	8	14	1	4	1	5	1	..	..	5	1	28
Morphinismus	..	1	..	..	1	..	..	1	..	..	2	..	1	1	..	..	2	..	3
Nicotonismus	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	1
Delirium Acutum	..	1	2	..	1	2	..	1	2	..	..	2	..	..	2	..	..	2	5
Dementia Paralytica	3	26	14	12	18	13	..	29	14	1	8	5	..	4	5	..	4	5	52
Dementia Senilis	..	7	12	..	7	12	..	7	12	..	9	9	..	9	9	..	9	9	37
Lues Cerebralis	..	3	..	..	3	..	..	3	..	1	1	1	1	2	..	..	2	1	6
Lues Cerebralis and Moral Idiocy	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1	..	1
Imbecility	..	5	9	..	5	9	..	5	9	..	9	1	..	9	1	..	9	1	24
Idiocy	..	2	3	..	2	3	..	2	3	1	2	1	..	3	1	..	3	1	9
Imbecility and Epilepsy	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	1
Dementia, following:																			
(a) Mania Simplex	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	1
(b) Melancholia Simplex	..	..	..	..	..	..	..	..	..	2	6	1	..	8	1	..	8	1	9
(c) Puerperium	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	1
(d) Melancholia cum Stupore	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	1
(e) Hallucinatory Delirium	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	1
(f) Alcoholismus Chronicus	..	1	3	..	1	3	..	1	3	..	..	..	..	..	..	..	..	..	4
(g) Alcoholismus and Trauma Capitis	..	..	..	..	..	..	..	..	..	..	1	..	1	1	..	..	1	..	1
(h) Morphinismus Chronicus	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	1
(i) Lues Cerebralis	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	1
(j) Unknown Psychoses	..	2	5	..	1	6	..	2	5	..	5	7	1	4	7	..	5	7	19
(k) Typhoid Fever	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	1
(l) Cerebral Apoplexy	..	..	2	..	..	2	..	..	2	..	2	..	..	2	..	..	2	..	4
(m) Trauma Capitis	1	1	4	..	1	5	..	1	5	1	1	..	..	1	..	..	2	..	8
(n) Masturbation	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	1
Cerebrasthenia	..	1	..	..	1	..	..	1	..	..	1	..	..	1	..	..	1	..	2
Hysteria	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	1	..	1
Not Insane (Eccentric)	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	1
Unascertainable	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	1
Not Ascertained (too brief a stay)	..	1	3	..	1	3	..	1	3	..	2	1	..	2	1	..	2	1	7
Total	14	94	127	55	75	105	..	106	129	22	153	46	15	142	44	..	158	48	436

TABLE NO. 16.

B.—SYPHILIS.

	MEN.						WOMEN.						
	Hereditary.			Acquired.			Hereditary.			Acquired.			
	Present.	Absent.	Not Ascertained.	Present.	Absent.	Not Ascertained.	Present.	Absent.	Not Ascertained.	Present.	Absent.	Not Ascertained.	Total.
Mania Simplex		5	7	1	4	7		26	4	2	24	4	42
Melancholia Simplex		6	9		6	9	1	27	6		28	6	49
Melancholia cum Stupore		1	4		1	4		9	1		9	1	15
Stupor		2			2			1			1		8
Hallucinatory Delirium								1			1		1
Folie raisonante								1			1		1
Paranoia			4			4		5	1		5	1	10
Periodic Insanity		1	4		1	4		7			7		12
Neurasthenic Insanity		4	5		4	5	1	3	1		4	1	14
Hysterical Insanity		1			1			1			1		2
Epileptic Insanity		11	11		11	11		7	2	1	6	2	31
Hypochondriacal Insanity		1			1			2			2		3
Alcoholismus acutus		10	10		10	10		1			1		21
Alcoholismus chronicus		8	14		8	14		5	1	1	4	1	28
Morphinismus		1			1			2			2		3
Nicotinismus			1			1							1
Delirium Acutum		1	2		1	2			2			2	5
Dementia Paralytica		25	18	5	19	19		5	4	1	2	6	52
Dementia Senilis		6	13		6	13		9	9		10	8	37
Lues Cerebralis		3		2	1			2	1	3			6
Lues Cerebralis and Moral Idiocy								1		1			1
Imbecility		5	9		5	9	1	8	1	1	8	1	24
Idiocy		2	3		2	3		3	1		3	1	9
Imbecility and Epilepsy			1		1								1
Dementia, following:													
(a) Mania Simplex								1			1		1
(b) Melancholia Simplex								8	1		8	1	9
(c) Puerperium								1			1		1
(d) Melancholia cum Stupore								1			1		1
(e) Hallucinatory Delirium								1			1		1
(f) Alcoholismus Chronicus		1	3		1	3							4
(g) Alcoholismus and trauma Capitis								1			1		1
(h) Morphinismus Chronicus									1			1	1
(i) Lues Cerebralis									1	1			1
(j) Unknown Psychoses		2	5		2	5		5	7		5	7	19
(k) Typhoid Fever			1			1							1
(l) Cerebral Apoplexy			2			2		2			2		4
(m) Truma Capitis		2	4		1	5		2			2		8
(n) Masturbation		1			1								1
Cerebrasthenia		1		1				1			1		2
Hysteria								1			1		1
Not insane (eccentric)			1			1							1
Unascertainable								1			1		1
Not ascertained (too brief a stay)		1	3		1	3		2	1		2	1	7
Total		101	184	9	91	135	3	153	45	11	146	44	486

TABLE NO. 16.

SHOWING HEREDITARY AND ACQUIRED ALCOHOLISM AND SYPHILIS AS CAUSES IN CASES ADMITTED DURING THE YEAR.

A.—ALCOHOLISM.

	MEN.									WOMEN.								
	Hereditary.			Acquired.			Both.			Hereditary.			Acquired.			Both.		
	Present.	Absent.	Not Ascertained.	Present.	Absent.	Not Ascertained.	Present.	Absent.	Not Ascertained.	Present.	Absent.	Not Ascertained.	Present.	Absent.	Not Ascertained.	Present.	Absent.	Not Ascertained.	TOTAL.
Mania Simplex	1	4	7	1	4	7	..	5	7	4	22	4	..	26	4	..	26	4	42
Melancholia Simplex	1	5	9	..	6	9	..	6	9	4	24	6	3	25	6	..	28	6	49
Melancholia cum Stupore	..	1	4	..	1	4	..	1	4	2	7	1	..	9	1	..	9	1	15
Stupor	2	..	..	..	2	..	..	2	..	..	1	..	..	1	..	..	1	..	3
Hallucinatory Delirium	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	1
Folie Raisonante	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	1	..	1
Paranoia	..	..	4	..	..	4	..	..	4	1	4	1	..	5	1	..	5	1	10
Periodic Insanity	..	1	4	..	1	4	..	1	4	..	7	..	..	7	..	..	7	..	12
Neurasthenic Insanity	..	4	5	..	4	5	..	4	5	1	3	1	..	4	1	..	4	1	14
Hysterical Insanity	1	..	..	..	1	..	..	1	..	..	1	..	..	1	..	..	1	..	2
Epileptic Insanity	2	9	11	..	11	11	..	11	11	1	6	2	..	7	2	..	7	2	31
Hypochondriacal Insa'ity	..	1	..	..	1	..	..	1	..	..	2	..	1	1	..	..	..	2	3
Alcoholismus Acutus	1	9	10	20	..	..	..	10	10	..	1	..	1	..	..	..	1	..	21
Alcoholismus Chronicus	2	7	18	22	..	..	..	8	14	1	4	1	5	1	..	..	5	1	28
Morphinismus	..	1	..	..	1	..	..	1	..	..	2	..	1	1	..	..	2	..	3
Nicotonismus	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	1
Delirium Acutum	..	1	2	..	1	2	..	1	2	..	..	..	..	2	..	..	2	..	5
Dementia Paralytica	3	26	14	12	18	13	..	29	14	1	3	5	..	4	5	..	4	5	52
Dementia Senilis	..	7	12	..	7	12	..	7	12	..	9	9	..	9	9	..	9	9	37
Lues Cerebralis	..	3	..	..	3	..	..	3	..	1	1	1	1	2	..	..	2	1	6
Lues Cerebralis and Moral Idiocy	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1	..	1
Imbecility	..	5	9	..	5	9	..	5	9	..	9	1	..	9	1	..	9	1	24
Idiocy	..	2	3	..	2	3	..	2	3	1	2	1	..	3	1	..	3	1	9
Imbecility and Epilepsy	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	1
Dementia, following:																			
(a) Mania Simplex	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	1
(b) Melancholia Simplex	..	..	..	..	..	..	..	..	..	2	6	1	..	8	1	..	8	1	9
(c) Puerperium	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	1
(d) Melancholia cum Stupore	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	1
(e) Hallucinatory Delirium	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	1
(f) Alcoholismus Chronicus	..	1	3	..	1	3	..	1	3	..	..	..	..	..	..	..	..	..	4
(g) Alcoholismus and Trauma Capitis	..	..	..	..	..	..	..	..	..	..	1	..	1	1	..	..	1	..	1
(h) Morphinismus Chronicus	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	1
(i) Lues Cerebralis	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	1
(j) Unknown Psychoses	..	2	5	..	1	6	..	2	5	..	5	7	1	4	7	..	5	7	19
(k) Typhoid Fever	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	1
(l) Cerebral Apoplexy	..	..	2	..	..	2	..	..	2	..	2	..	..	2	..	..	2	..	4
(m) Trauma Capitis	1	1	4	..	1	5	..	1	5	1	1	..	..	1	..	..	2	..	8
(n) Masturbation	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	1
Cerebrasthenia	..	1	..	..	1	..	..	1	..	..	1	..	..	1	..	..	1	..	2
Hysteria	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	1	..	1
Not Insane (Eccentric)	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	1
Unascertainable	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	1
Not Ascertained (too brief a stay)	..	1	3	..	1	3	..	1	3	..	2	1	..	2	1	..	2	1	7
Total	14	94	127	55	75	105	..	106	129	22	153	46	15	142	44	..	153	48	436

TABLE NO. 16.

B.—SYPHILIS.

	MEN.						WOMEN.						
	Hereditary.			Acquired.			Hereditary.			Acquired.			
	Present.	Absent.	Not Ascertained.	Present.	Absent.	Not Ascertained.	Present.	Absent.	Not Ascertained.	Present.	Absent.	Not Ascertained.	Total.
Mania Simplex		5	7	1	4	7		26	4	2	24	4	43
Melancholia Simplex		6	9		6	9	1	27	6		28	6	49
Melancholia cum Stupore		1	4		1	4		9	1		9	1	15
Stupor		2			2			1			1		3
Hallucinatory Delirium								1			1		1
Folie raisonante								1			1		1
Paranoia			4			4		5	1		5	1	10
Periodic Insanity		1	4		1	4		7			7		12
Neurasthenic Insanity		4	5		4	5	1	3	1		4	1	14
Hysterical Insanity		1			1			1			1		2
Epileptic Insanity		11	11		11	11		7	2	1	6	2	31
Hypochondriacal Insanity		1			1			2			2		3
Alcoholismus acutus		10	10		10	10		1			1		21
Alcoholismus chronicus		8	14		8	14		5	1	1	4	1	28
Morphinismus		1			1			2			2		3
Nicotinismus			1			1							1
Delirium Acutum		1	2		1	2			2			2	5
Dementia Paralytica		25	18	5	19	19		5	4	1	2	6	52
Dementia Senilis		6	13		6	13		9	9		10	8	37
Lues Cerebralis		3		2	1			2	1	3			6
Lues Cerebralis and Moral Idiocy								1		1			1
Imbecility		5	9		5	9	1	8	1	1	8	1	24
Idiocy		2	3		2	3		3	1		3	1	9
Imbecility and Epilepsy			1		1								1
Dementia, following:													
(a) Mania Simplex								1			1		1
(b) Melancholia Simplex								8	1		8	1	9
(c) Puerperium								1			1		1
(d) Melancholia cum Stupore								1			1		1
(e) Hallucinatory Delirium								1			1		1
(f) Alcoholismus Chronicus		1	3		1	3							4
(g) Alcoholismus and trauma Capitis								1			1		1
(h) Morphinismus Chronicus									1			1	1
(i) Lues Cerebralis									1	1			1
(j) Unknown Psychoses		2	5		2	5		5	7		5	7	19
(k) Typhoid Fever			1			1							1
(l) Cerebral Apoplexy			2			2		2			2		4
(m) Truma Capitis		2	4		1	5		2			2		8
(n) Masturbation		1			1								1
Cerebrasthenia		1		1				1			1		2
Hysteria								1			1		1
Not insane (eccentric)			1			1							1
Unascertainable								1			1		1
Not ascertained (too brief a stay)		1	3		1	3		2	1		2	1	7
Total		101	184	9	91	135	3	153	45	11	146	44	436

TABLE NO. 17.

SHOWING INSANE HEREDITARY IN THE 436 CASES ADMITTED DURING THE YEAR.

A.—MEN.

	Paternal			Matern'l			Paternal Collateral.			Maternal Collateral.			Sister or Brother.			
	Present.	Absent.	Not Ascert'd.	Present.	Absent.	Not Ascert'd.	Present.	Absent.	Not Ascert'd.	Present.	Absent.	Not Ascert'd.	Present.	Absent.	Not Ascert'd.	Total.
Mania Simplex	2	3	7	5	7		5	7		1	4	7	1	4	7	12
Melancholia Simplex	1	5	9	6	9		6	9			6	9	1	5	9	15
Melancholia Cum Stupore		1	4	1	4		1	4			1	4		1	4	5
Stupor	1	1		2			2				2			2		2
Paranoia			4		4			4				4			4	4
Periodic Insanity		1	4	1	4		1	4		1	4		1	4		5
Neurasthenic Insanity	1	4	4	4	5		4	5		4	5		4	5		9
Hysterical Insanity	1			1			1			1			1			1
Epileptic Insanity		11	11	2 9	11		11	11		11	11		1	9	12	22
Hypochondriacal Insanity		1		1			1			1			1			1
Alcoholismus Acutus	1	9	10	1 9	10	1	9	10		10	10		3	7	10	20
Alcoholismus Chronicus	1	7	14	9	13		8	14		1	7	14	4	4	14	22
Morphinismus		1		1			1				1			1		1
Nicotinismus			1		1			1				1			1	1
Delirium Acutum		1	2	1	2	1		2			1	2		1	2	3
Dementia Paralytica	5	26	12	5 26	12	3	26	14	1	28	14	7	22	14	43	
Dementia Senilis	1	5	13	6	13		6	13		6	13		6	13	19	
Lues Cerebralis		3		3			3			3			3		3	
Imbecility		5	9	5	9		5	9		5	9		5	9	14	
Idiocy		2	3	2	3		2	3		2	3	1	1	3	5	
Imbecility and Epilepsy		1		1			1			1			1		1	
Dementia, following:																
(a) Alcoholismus Chronicus		1	3	1	3		1	3		1	3		1	3	4	
(b) Unknown Psychoses		2	5	1 1	5		2	5	1	1	5	1	1	5	7	
(c) Typhoid Fever			1		1			1			1			1	1	
(d) Cerebral Apoplexy			2		2			2			2			2	2	
(e) Trauma Capitis	1	1	3	2	4	1	2	3		2	4		2	4	6	
(f) Masturbation		1		1			1			1		1			1	
Cerebrasthenia		1		1			1			1			1		1	
Not Insane: (Eccentric)			1		1			1				1			1	1
Not Ascertained: (Too brief a stay		1	3	1	3		1	3		1	3	1			3	4
Total	15	95	125	10 99	126	6	101	128	4	102	129	21	84	130	235	

TABLE NO. 17.

B.—WOMEN.

	Paternal.			Maternal.			Paternal Collateral.			Maternal Collateral.			Sister or Brother.			
	Present.	Absent.	Not Ascr'nd.	Present.	Absent.	Not Ascr'nd.	Present.	Absent.	Not Ascr'nd	Present.	Absent.	Not Ascr'nd	Present.	Absent.	Not Ascer'nd	Total.
Mania Simplex	2	24	4	7	20	3	...	26	4	1	25	4	4	22	4	30
Melancholia Simplex	1	27	6	5	23	6	...	28	6	...	28	6	8	20	6	34
Melancholia cum Stupore	..	9	1	3	6	1	....	9	1	1	8	1	..	9	1	10
Stupor	..	1	....	..	1	....	....	1	....	....	1	....	..	1	....	1
Hallucinatory Delirium	1	....	....	..	1	....	....	1	....	....	1	....	..	1	....	1
Folie Raisonante	1	....	....	1	....	....	....	1	....	....	1	....	..	1	....	1
Paranoia	..	5	1	1	4	1	....	5	1	....	5	1	..	5	1	6
Periodic Insanity	1	6	....	1	6	....	1	6	....	1	6	....	1	6	....	7
Neurasthenic Insanity	..	4	1	..	4	1	....	4	1	....	4	1	.	4	1	5
Hysterical Insanity	..	1	....	..	1	....	....	1	....	....	1	....	..	1	....	1
Epileptic Insanity	1	6	2	1	6	2	....	7	2	....	7	2	4	3	2	9
Hypochondriacal Insanity	..	2	....	..	2	....	....	2	....	....	2	....	..	2	....	2
Alcoholismus Acutus	..	1	....	..	1	....	....	1	....	....	1	....	..	1	....	1
Alcoholismus Chronicus	..	5	1	..	5	1	...	5	1	..	5	1	..	5	1	6
Morphinismus	1	....	1	..	2	....	...	2	....	....	2	....	..	2	....	2
Delirium Acutum	..	...	2	..	....	2	....	....	2	....	....	2	..	....	2	2
Dementia Paralytica	1	3	5	..	4	5	1	3	5	1	3	5	..	4	5	9
Dementia Senilis	..	9	9	3	6	9	....	9	9	2	8	8	3	6	9	18
Lues Cerebralis	..	2	1	..	2	1	....	2	1	....	1	1		2	1	3
Lues Cerebralis and Moral Idiocy	..	1	....	..	1	....	...	1	....	....	1	....	..	1	....	1
Imbecility	1	8	1	3	6	1	....	9	1	....	9	1	3	6	1	10
Idiocy	..	3	1	1	2	1	....	3	1	....	3	1	..	3	1	4
Dementia following:																
(a) Mania Simplex	..	1	....	..	1	....	....	1	....	....	1	....	..	1	....	1
(b) Melancholia Simplex	..	8	1	2	6	1	...	8	1	1	6	2	2	6	1	9
(c) Puerperium	..	1	....	..	1	....	....	1	....	....	1	....	1	....	....	1
(d) Melancholia cum Stupore	..	1	....	..	1	....	...	1	....	....	1	....	..	1	....	1
(e) Hallucinatory Delirium	..	1	....	..	1	....	....	1	....	..	1	....	..	1	....	1
(f) Alcoholismus and Trauma Capitis	..	1	....	..	1	....	....	1	....	....	1	..	..	1	....	1
(g) Morphinismus Chronicus	..	....	1	..	....	1	....	....	1	....	....	1	..	....	1	1
(h) Lues Cerebralis	..	....	1	..	....	1	....	....	1	....	....	1	..	....	1	1
(i) Unknown Psychoses	..	5	7	..	5	7	1	9	2	....	5	7	2	5	5	12
(j) Cerebral Apoplexy	..	2	....	..	2	....	....	2	....	....	2	....	..	2	..	2
(k) Trauma Capitis	..	2	....	1	1	....	....	2	....	1	1	....	..	2	..	2
Cerebrasthenia	..	1	....	..	1	....	....	1	....	....	1	....	..	1	....	1
Hysteria	..	1	....	1	....	....	..	1	....	..	1	....	..	1	....	1
Unascertainable	..	1	..	..	1	....	....	1	....	....	1	....	..	1	..	1
Not Ascertained (too brief a stay	.	2	1	1	1	1	1	1	1	....	2	1	..	2	1	8
Total	10	144	47	31	125	45	4	156	41	8	147	46	28	129	44	201

TABLE NO. 18.

CAUSES OF DEATHS OCCURRING WITHIN THE YEAR.

	Men.	Women.	Total.
Dementia paralytica	84	2	86
Dementia paralytica and pulmonary tuberculosis	1	..	1
Encephalitis	9	..	9
Delirium acutum	..	1	1
Periencephalitis	..	1	1
Acute softening of brain and senility	..	1	1
Softening of the brain	..	1	1
Cerebral oedema	2	..	2
Encephalitis and cerebral oedema	1	..	1
Status epilepticus	2	..	2
Tabes dorsalis	1	..	1
Multiple sclerosis	1	..	1
Myelitis and nephritis	..	1	1
Senile debility	12	1	13
Septicaemia and senile debility	1	..	1
Nephritis and senile debility	..	1	1
Nephritis and senility	1	..	1
Nephritis and asthenia	..	1	1
Nephritis	2	1	3
Uraemia	..	2	2
Asthenia	1	..	1
Exhaustion (mania)	1	..	1
Phthisis pulmonalis	6	3	9
Pyaemia	1	..	1
Erysipelas	1	..	1
Gastro-enteritis	..	1	1
Valvular disease of the heart	..	1	1
Carcinoma uteri	..	1	1
Cancer of breast	..	1	1
Total	77	20	97

TABLE NO. 19.

APPROXIMATE AGE OF 52 PATIENTS ADMITTED DURING THE YEAR WHILE SUFFERING FROM DEMENTIA PARALYTICA AT THE INCIPIENCY OF THE DISEASE.

	Men.	Women.	Total.
Between 25 and 30 years	4	..	4
Between 30 and 35 years	7	4	11
Between 35 and 40 years	9	2	11
Between 40 and 45 years	10	..	10
Between 45 and 50 years	7	1	8
Between 50 and 55 years	4	2	6
Between 55 and 60 years	1	..	1
Unascertained	1	..	1
Total	43	9	52

TABLE NO. 20.

TIME ELAPSED BETWEEN THE APPEARANCE OF FIRST SYMPTOMS OF DEMENTIA PARALYTICA AND DEATH CAUSED BY IT IN THE 86 PATIENTS WHO DIED WITHIN THE YEAR.

	Men.	Women.	Total.
2 months	1	..	1
3 months	1	..	1
4 months	2	..	2
5 months	1	..	1
7 months	2	..	2
8 months	1	1	2

	Men.	Women.	Total.
9 months	1	..	1
10 months	1	..	1
11 months	1	..	1
1 year	3	..	3
1 year, 2 months	1	..	1
1 year, 5 months	1	..	1
1 year, 7 months	1	..	1
1 year, 8 months	1	..	1
1 year, 9 months	1	..	1
1 year, 11 months	1	..	1
2 years	1	1	2
2 years, 3 months	2	..	2
2 years, 7 months	1	..	1
2 years, 9 months	1	..	1
3 years	1	..	1
3 years, 5 months	1	..	1
3 years, 7 months	1	..	1
3 years, 9 months	1	..	1
4 years, 9 months	2	..	2
4 years, 11 months	1	..	1
6 years, 4 months	1	..	1
11 years, 5 months	1	..	1
Total	34	2	36

TABLE NO. 21.

FINANCIAL STATEMENT FOR THE YEAR ENDING MARCH 31, 1901.

Appropriations	$106,800 00

EXPENDITURES.

Salaries of superintendent and employes	$34,360 75
Bread	5,929 23
Meats and fish	16,602 74
Groceries	21,012 47
Vegetables	2,146 30
Milk	2,856 57
Fuel	5,680 13
Ice	960 60
Drugs, instruments and supplies	1,499 69
Dry goods, clothing and bedding	3,658 20
House furnishing goods and furniture	5,785 60
Forage and bedding for horses	545 02
Repairing vehicles and harness, shoeing horses	219 00
Printing and stationery (including postage)	375 71
Oils, packing, waste and tools used by the engineer	369 31
Lumber and material for coffins	5 50
Car tickets	135 00
Rent of telephone	5 00
Carpenter's tools	35 95
Labor and material for repairing fences and maintaining grounds	518 25
For entertainments	592 01
Labor and materials for repairing buildings (including) boilers, machinery and steam heating apparatus requiring prompt attention	2,800 45
Total expenditures	$106,093 48
Balance remaining unexpended	706 52
	$106,800 00

TABLE NO. 22.

Gross cost of maintenance per capita for the year....		$160 91
Average per capita cost of maintenance for one day...		.4408
Deducting: —		
Amounts received from pay patients (sums ranging from $5.00 to $24.00 per month)	$5,290 78	
Amount received from St. Louis County patients (paying cost of maintenance)	1,641 29	
Total	6,932 02	
Net cost of maintenance per capita for the year		$150 47
Net cost of maintenance per capita for one day.....		.4122

TABLE NO. 23.

NUMBER OF PAY PATIENTS AND ST. LOUIS COUNTY PATIENTS AT CLOSE OF THE YEAR.

	Men.	Women.	Total.
Pay patients.....	17	18	35
St. Louis County patients.....	9	1	10

TABLE NO. 24.

PRODUCTS OF THE FARM AND GARDEN.

Leek.....	100 dozen.	Oyster plants.....1,000	
Asparagus.....	100 dozen.	Okra.....	15 bushels.
Cucumbers.....	500 dozen.	Peas.....	75 bushels.
Carrots.....	100 bushels.	Parsnips	100 bushels.
Corn, green.....1,000 dozen.		Radish .....1,000 dozen.	
Cabbage.....	400 barrels.	Squash.....	50 barrels.
Celery.....	400 dozen.	Spinach.....	50 barrels.
Cauliflower.....	100 dozen.	Sweet potatoes.....	150 bushels.
Egg plants.....	100 dozen.	Tomatoes.....	400 bushels.
Lettuce.....	200 boxes.	Turnips.....	100 bushels.
Flowers.....5,000 pots.		Beans.....	100 bushels.
Lima beans	100 bushels.	Onions, dry.....	100
Musk-melons 1,000		Kahlrabi	500 dozen.
Onions, green	500 cozen.	Beets.....	100 bushels

VII.

FEMALE HOSPITAL.

Presenting eight tables, etc., as follows:

Table No. 1. Showing statement of diseases treated, etc.
Table No. 2. Showing number of patients admitted, discharged, deceased, etc., during the year.
Table No. 3. Showing social condition of patients admitted.
Table No. 4. Showing age of patients admitted.
Table No. 5. Showing nativity of patients admitted.
Table No. 6. Showing occupation of patients admitted.
Table No. 7. Showing sundry statistics.
Table No. 8. Showing financial statement.
Table No. 9. Showing leaves of absence.

TABLE NO. 1.

CLASSIFIED TABULAR STATEMENT OF DISEASES TREATED, ADMISSIONS, DISCHARGES, DEATHS AND TRANSFERS DURING THE YEAR; ALSO OF CASES REMAINING IN HOSPITAL APRIL 1, 1891.

	Remaining April 1, 1890.	Recovered.	Improved.	Not Improved.	Transferred to Poor House or Asylum.	Died.	Remaining April 1, 1891.	Total treated.
Abortion	....	6	2	....	....	....	....	8
Abortion, Threatened	....	1	....	....	....	....	....	1
Abrasion, Forehead	....	1	....	....	....	....	....	1
Abscess, Alveolar	....	1	....	....	....	....	....	1
Abscess, Axillia	....	....	1	....	....	....	....	1
Abscess, Back	....	....	....	....	....	....	....	....
Abscess, Breast	....	1	....	....	....	....	....	1
Abscess, Cervical	....	....	....	....	....	1	....	1
Abscess, Foot	....	1	....	....	....	....	....	1
Abscess, Ischio-Rectal	....	....	3	....	....	....	....	3
Abscess, Labium	....	1	1	....	....	....	....	2
Abscess, Liver	....	....	....	....	....	1	....	1
Abscess, Lumbar	....	....	1	....	....	1	1	3
Abscess, Neck	....	....	3	....	....	....	....	3
Abscess, Ovarian	....	1	....	....	....	....	....	1
Abscess, Pelvic	....	....	1	....	....	....	....	1
Abscess, Pharyngeal	....	....	2	....	....	....	....	2
Abscess, Peri-urethral	....	1	....	....	....	....	....	1
Abscess, Scalp	....	....	1	....	....	....	....	1
Abscess, Subpectoral	....	1	....	....	....	....	....	1
Abscess, Tonsils	....	....	1	....	....	....	....	1
Abscess, Vulvo-Vaginal	....	....	1	....	....	....	....	1
Adenitis, Inguinal	1	5	8	1	....	....	1	15
Adenitis, Neck	....	....	6	2	....	....	....	8
Adenoids, Pharyngeal	....	1	....	...	....	....	....	1
Albuminuria	....	....	1	....	....	....	....	1
Alcoholism	1	4	9	2	....	....	....	15
Amenorrhoea	1	....	5	....	....	....	....	5
Anaemia	2	....	11	....	....	1	2	14
Aneurism	....	....	1	....	....	3	....	4
Ankylosis, fingers	....	....	....	....	...	....	1	1
Aortic, Insufficiency	2	....	6	....	....	2	1	9
Aortic, Stenosis	2	....	6	....	1	1	....	8
Apoplexy, Cerebral	....	....	....	....	....	2	....	2
Appendicitis	1	1	....	....	....	....	1	2
Artero Sclerosis	....	....	3	....	....	1	1	5
Arthritis, Arm	....	....	....	1	....	....	....	1
Arthritis, Deformans	1	....	....	....	1	....	....	1
Arthritis, Hip	....	....	1	1	....	....	....	2
Arthritis, Knee	....	....	3	....	....	....	....	3
Asthma	2	....	8	1	....	1	2	12
Atelectasis, Pulmonum	...	....	....	....	....	1	....	1
Bartholinitis	....	2	3	1	....	....	....	6
Bronchitis	11	33	67	1	2	4	11	118
Broncho-pneumonia	....	....	1	....	....	....	....	1
Burns, Face	1	2	1	....	....	....	....	3
Burns, Hand	....	1	....	....	....	....	1	2
Burns, Knee	1	1	....	....	....	....	....	1
Burns, Leg	....	1	1	....	....	....	....	2
Burns, Thigh	....	1	....	....	....	....	....	1
Burns, Inguinal	....	1	....	...	....	....	....	1
Bursitis, Prepatellar	....	....	1	....	....	....	....	1
Carcinoma, Bladder	....	....	....	1	....	....	....	1

	Remaining April 1, 1900.	Recovered.	Improved.	Not Improved.	Transferred to Poor House or Asylum.	Died.	Remaining April 1, 1901.	Total treated.
Carcinoma, Breast	....	....	....	1	....	....	....	1
Carcinoma, Cervix	....	....	3	4	....	....	....	7
Carcinoma, Face	2	....	1	....	...	1	....	2
Carcinoma, Nose	....	....	....	....	....	....	....	0
Carcinoma, Uterus	2	....	3	3	....	7	1	14
Caruncle, Urethral	....	....	1	....	....	....	1	2
Catarrhal Jaundice	1	1	4	....	....	....	....	5
Catalepsy	....	....	1	....	....	....	....	1
Cellulitis, Arm	1	1	....	....	....	....	....	1
Cellulitis, Foot	....	....	1	....	....	....	....	1
Cellulitis, Neck	....	....	1	....	....	....	....	1
Cellulitis, Leg	1	1	3	....	....	....	....	4
Cellulitis, Pelvic	....	....	9	....	....	....	....	9
Cephalalgia	....	4	6	1	....	....	....	11
Chancroids	1	7	12	1	....	....	....	20
Chloasma	....	....	....	1	....	....	....	1
Cholelithiasis	....	....	1	....	....	....	....	1
Chorea	1	....	....	1	1	....	....	2
Circumcision	1	1	....	....	....	....	....	1
Cirrhosis, Liver	....	....	2	....	1	1	....	4
Cocaine Habit	1	1	4	1	....	....	....	6
Condylomata	1	5	11	....	....	....	....	16
Congenital Debility	....	....	....	....	....	4	....	4
Congestion, Brain	....	....	....	....	....	1	....	1
Conjunctivitis	....	5	6	2	....	..	....	13
Constipation	....	7	4	....	....	....	1	12
Contusion, Arm	....	1	1	....	....	....	....	2
Contusion, Ankle	....	....	....	....	....	....	1	1
Contusion, Eye	....	....	1	....	....	....	....	1
Contusion, Face	....	....	2	....	....	....	....	2
Contusion, Foot	1	....	2	....	....	....	....	2
Contusion, Head	....	....	1	....	....	....	1	2
Contusion, Hip	....	1	....	....	....	....	....	1
Contusion, Shoulder	....	....	....	....	....	....	2	2
Contusion, Side	....	1	....	....	....	....	....	1
Convulsions, Infantile	....	....	....	....	....	1	....	1
Coryza	....	6	....	....	....	....	....	6
Croup	....	2	....	....	....	....	....	2
Cyst, Dermoid	....	....	1	....	....	....	....	1
Cyst, Neck	1	....	1	....	....	....	....	1
Cyst, Ovarian	....	12	2	....	....	....	....	14
Cystitis	....	2	13	1	....	....	1	17
Cystocele	....	....	1	....	....	....	....	1
Dermatitis	....	....	2	....	....	....	....	2
Dementia	....	....	2	1	....	....	....	3
Diabetes, Mellitis	....	....	....	....	....	1	....	1
Dilatation, Heart	....	....	1	....	....	....	....	1
Diphtheria	....	8	....	....	....	....	....	8
Dislocation, Elbow	....	....	1	....	....	....	....	1
Dislocation, Hip	1	....	....	1	....	....	....	1
Dislocation, Radius	....	....	....	1	....	....	....	1
Dislocation, Shoulder	....	....	1	....	....	....	1	2
Dislocation, Wrist	....	....	....	....	....	....	1	1
Dysentery	....	1	1	....	....	....	....	2
Dysmenorrhoea	....	1	1	....	....	....	1	3
Dyspepsia	....	....	1	....	....	....	....	1
Eclampsia, Puerperalis	....	1	....	....	....	....	....	1
Eczema	1	1	10	....	....	....	....	11

	Remaining April 1, 1900.	Recovered.	Improved.	Not Improved.	Transferred to Poor House or Asylum.	Died.	Remaining April 1, 1901.	Total treated.
Embolism, Cerebral	....	....	....	1	....	....	....	1
Empyema	....	....	2	....	....	....	....	2
Endocarditis	....	....	....	....	....	2	....	2
Endocervicitis	....	1	10	2	....	....	1	14
Endometritis	5	18	72	15	....	....	4	109
Enteritis	....	14	4	....	....	....	....	18
Entero-Colitis	....	1	1	....	....	...	....	2
Entropia	....	....	1	....	....	....	....	1
Epilepsy	1	....	5	....	1	....	4	10
Epithelioma, Face	....	....	1	2	....	1	....	4
Epithelioma, Vulva	....	....	....	....	....	...	1	1
Erosion, Cervix	....	....	2	....	....	...	....	2
Erysipelas	2	10	2	....	....	1	1	14
Exstrophy, Bladder	....	....	....	1	....	....	....	1
Extra Uterine Pregnancy	....	1	1	....	....	....	....	2
Fatty Degeneration, Heart	....	....	....	....	....	1	....	1
Fatty Degeneration, Liver	....	....	....	....	....	1	....	1
Felon, Finger	....	....	1	....	....	....	....	1
Fibroid, Uterus	2	6	4	1	....	....	1	12
Fistula, Anal	....	....	2	2	....	....	....	4
Fistula, Gall Bladder	....	....	....	1	....	....	....	1
Fistula, Vesical	....	....	....	1	....	....	1	2
Fistula, Recto-Vaginal	1	....	1	....	....	....	....	1
Floating Kidney	1	2	1	....	....	....	....	3
Fracture, Clavicle	....	1	....	....	....	...	....	1
Fracture, Colles	....	2	1	....	....	....	....	3
Fracture, Femur	4	3	1	1	1	....	5	11
Fracture, Fibula and Tibia	1	1	....	...	....	....	...	1
Fracture, Humerus	....	1	2	....	....	....	....	3
Fracture, Radius	1	2	....	....	....	....	2	4
Fracture, Nose	....	1	....	....	....	....	....	1
Fracture, Nasal Septum	....	1	....	....	....	....	....	1
Fracture, Rib	1	2	1	....	....	....	....	3
Fracture, Tibia	....	2	....	....	....	....	....	2
Fracture, Ulna	....	....	1	....	....	....	....	1
Furunculosis	....	4	2	....	....	....	....	6
Gall Stones, Impacted	1	....	1	....	....	....	.. .	1
Gangrene, Toe	....	....	2	....	....	....	....	2
Gastritis	....	14	21	....	....	....	....	35
Gastro-Enteritis	....	2	5	1	....	2	....	10
General Debility	....	....	25	....	8	5	1	39
Goitre, Exophthalmic	....	....	1	....	....	....	....	1
Gonorrhoea	6	21	5	1	....	....	6	33
Hemiphlegia	4	....	7	....	1	3	....	11
Hemorrhage, Cerebral	1	....	1	....	....	....	1	2
Hemorrhage, Uterine	....	....	1	....	....	....	....	1
Hemorrhoids	1	....	5	1	....	....	....	6
Hernia, Inguinal	....	....	1	....	....	....	2	3
Hernia, Umbilical	....	....	....	....	....	....	1	1
Hydrosalpinx	....	1	....	....	....	....	....	1
Hyperidrosis	....	1	....	....	....	....	....	1
Hypospadia	....	....	....	....	....	....	....	1
Hysteria	....	....	8	3	....	....	2	13
Impetigo Contagiosa	....	....	4	....	....	....	....	4
Inanition	....	....	....	....	....	5	....	5
Indigestion	....	4	3	....	....	....	....	7
Incontinence, Urine	....	....	1	....	....	....	....	1
Influenza	5	15	....	....	....	1	4	20

	Remaining April 1, 1900.	Recovered.	Improved.	Not Improved.	Transferred to Poor House or Asylum.	Died.	Remaining April 1, 1901.	Total treated.
Insanity	....	....	1	1	9	....	....	11
Insomnia	....	....	....	2	....	....	....	2
Intussusception	1	....	1	....	....	....	....	1
Iodism	....	....	1	....	....	....	....	1
Iritis	....	1	1	1	....	....	....	3
Keratitis	....	....	2	....	....	....	....	2
Laceration, Cervix, Uteri	....	2	3	2	....	....	....	7
Laceration, Perineum	....	4	3	2	....	....	1	10
Laceration, Scalp	....	....	1	....	....	....	....	1
Leucorrhoea	....	....	5	....	....	....	....	5
Lipoma, Breast	....	....	....	1	....	....	....	1
Lipoma, Hip	....	1	....	....	....	....	....	1
Lipoma, Neck	....	....	....	....	....	....	2	2
Lichen Scrofulosis	....	....	1	....	....	....	....	1
Lumbago	....	....	2	....	....	....	....	2
Lupus Erythematosum	....	....	1	....	....	....	....	1
Malaria	1	18	11	....	....	....	....	24
Marasmus	....	....	....	....	....	2	....	2
Mastitis	....	1	....	....	....	....	....	1
Meningitis, Quincke	....	....	1	....	....	....	....	1
Miscarriage	....	3	....	....	....	....	....	3
Mitral Regurgitation	2	1	32	....	....	6	2	41
Mitral Stenosis	1	....	1	1	....	1	1	4
Multiple Sclerosis	....	....	1	....	....	....	....	1
Morphine Habit	....	1	11	3	....	....	2	17
Menorrhagia	....	1	1	....	....	....	....	2
Metrorrhagia	....	2	1	1	....	....	....	4
Mumps	....	2	....	....	....	....	....	2
Mutism	....	....	....	1	....	....	....	1
Myasthenia, Gastric	....	....	....	....	....	....	....	....
Myocarditis	....	....	2	1	....	....	....	3
Necrosis, Nasal Bones	....	....	1	....	....	....	....	1
Necrosis, Finger	....	....	1	....	....	....	....	1
Nephritis	7	1	44	6	....	9	5	65
Nephropyosis	....	....	....	....	....	1	....	1
Nephroptosis	....	1	1	....	....	....	1	3
Nephro-pyelitis	....	....	1	....	....	....	....	1
Nephro-phthisis	....	....	....	....	....	1	....	1
Nervous Debility	....	....	3	....	....	....	....	3
Neurasthenia	....	....	15	2	....	....	....	17
Neuritis	....	1	1	1	....	....	....	3
Neuralgia	....	2	....	....	....	....	....	2
Nostalgia	....	1	....	....	....	....	....	1
Onanism	....	....	1	....	....	....	....	1
Odontalgia	....	2	....	....	....	....	....	2
Oophoritis	....	2	12	....	....	....	....	14
Ophthalmia	....	1	2	....	....	....	1	4
Otitis, Media	....	1	4	....	....	....	....	5
Paronychia	....	1	....	....	....	....	....	1
Parotitis	....	1	....	....	....	....	....	1
Pediculosis, Capitis	....	3	2	....	....	....	....	5
Perityphlitis	....	....	1	....	....	....	....	1
Peritonitis, from Perforation	....	....	....	....	....	1	....	1
Peritonitis, Tubercular	1	....	1	....	....	1	....	2
Periostitis	....	....	1	....	....	....	....	1
Pertussis	....	1	....	....	....	....	....	1
Pemphigus	....	....	....	....	....	1	....	1
Peritonsillitis	....	1	....	....	....	....	....	1

	Remaining April 1, 1900.	Recovered.	Improved.	Not Improved.	Transferred to Poor House or Asylum.	Died.	Remaining April 1, 1901.	Total treated.
Phimosis	....	4	....	....	....	....	....	4
Pharyngitis	....	3	5	....	....	....	....	8
Pleuritis	....	1	3	....	....	....	1	5
Pneumonia	3	7	....	....	....	6	1	14
Potts' Disease	....	....	....	....	1	....	2	3
Polyuria	....	....	1	....	....	....	....	1
Placenta Previa	....	1	....	1	....	....	....	2
Proctitis, Purulent	....	1	1	....	...	....	....	2
Pruritis, Skin	....	....	4	....	....	....	....	4
Pregnancy	....	354 deliv-ered	0	40 not de-livered	0	0	40	434
Premature Birth	....	....	....	....	....	4	....	4
Prolapse, Uterus	....	....	....	....	....	....	2	2
Psoriasis	....	....	1	....	....	....	....	1
Ptyalism	....	2	2	1	....	....	....	5
Pulmonary Tuberculosis	12	1	55	20	....	48	13	137
Pyelonephritis	....	....	1	....	....	....	....	1
Pyonephrosis	....	....	....	....	....	1	....	1
Pyo-Salpinx	1	12	18	3	....	....	1	34
Pyorrhoea Alveolaris	....	....	2	....	....	....	2	2
Rectocele	....	....	1	....	....	....	2	3
Retinitis	....	....	1	....	....	....	....	1
Retroflexion, Uterus	....	1	1	....	....	....	....	2
Retroversion, Uterus	....	11	25	1	..	....	....	37
Rheumatism	6	13	45	2	....	....	9	69
Rhinitis	1	....	2	....	....	....	....	2
Rubeola	....	....	1	....	....	....	....	1
Salpingitis	4	5	39	6	....	....	3	53
Sapraemia	....	1	....	....	....	....	....	1
Septicaemia, Before Labor	....	....	....	....	....	1	....	1
Septicaemia, Infection from Tubal Pregnancy	....	....	....	....	....	1	....	1
Scarlet Fever	....	3	....	....	....	....	....	3
Sinus, Abdominal	....	....	1	1	....	....	....	2
Sprain, Ankle	....	2	4	....	....	....	....	6
Sprain, Back	....	....	1	....	....	....	....	1
Sprain, Hip	....	....	....	....	....	....	1	1
Sprain, Wrist	....	1	1	....	....	....	....	2
Stenosis, Larynx	....	....	....	1	....	....	....	1
Stenosis, Vaginal	....	1	....	....	....	....	....	1
Splanchnoptosis	....	....	1	....	....	....	....	1
Stomatitis	...	....	2	....	....	....	....	2
Strabismus	1	....	1	....	....	....	....	1
Syphilis	19	....	42	1	....	4	18	65
Taenia Versicolor	....	....	1	....	....	....	....	1
Teething	....	....	2	....	....	....	....	2
Tinea Circinata	....	....	2	....	....	....	....	2
Thrush	....	1	....	....	....	....	....	1
Tonsillitis	....	16	10	1	....	....	1	28
Tongue Tied	....	1	....	....	....	....	....	1
Tumor, Pelvic	1	1	....	....	....	....	....	1
Typhoid Fever	1	15	....	....	....	1	....	16
Ulcer, Arms	....	....	1	....	....	....	1	2
Ulcer, Cheek	....	....	....	1	....	....	....	1
Ulcer, Foot	....	....	4	....	....	....	1	5
Ulcer, Knee	....	....	1	...	....	....	....	1
Ulcer, Legs	6	5	42	3	....	....	5	55

	Remaining April 1, 1900.	Recovered.	Improved.	Not Improved.	Transferred to Poor House or Asylum.	Died.	Remaining April 1, 1901.	Total treated.
Ulcer, Scalp	....	....	1	....	....	....	....	1
Ulcer, Stomach	....	....	....	....	....	....	....	0
Ulcer, Urethral	....	....	1	....	....	....	....	1
Uraemia	....	....	1	....	....	1	....	2
Ulceration, Genitals	....	....	1	....	....	....	....	1
Ulceration, Rectum	....	1	1	....	....	....	....	2
Uterus Diadelphus	....	....	....	1	....	....	....	1
Urethritis	....	1	4	....	....	....	3	8
Urticaria	....	1	....	....	....	....	....	1
Vaginitis	....	1	9	2	....	....	2	14
Varicose Veins	....	....	....	....	....	....	1	1
Vaccinia	....	2	1	....	....	....	....	3
Variola	....	....	....	....	1	....	....	1
Vulvitis	....	....	3	....	....	....	1	4
Wound, Arm, Stab	....	1	....	....	....	....	....	1
Wound, Forehead	....	....	1	....	....	....	....	1
Wound, Gunshot (Gluteal)	....	1	....	....	....	....	....	1
Wound, Neck	....	....	1	....	....	....	....	1
Wound, Scalp	....	1	1	....	....	....	....	2
Wound, Leg	....	1	....	....	....	....	....	1

Nihil. { Remaining, April 1st, 1900..... 8
Discharged..... 58
Remaining, April 1st, 1901..... 4

TABLE NO. 2.

TABLES SHOWING THE NUMBER OF PATIENTS ADMITTED, DISCHARGED AND DECEASED DURING THE YEAR.

Number Remaining April 1, 1900.		Number Remaining April 1, 1901.	
Males, white	6	Males, white	5
Males, colored	2	Males, colored	1
Females, white	155	Females, white	154
Females, colored	63	Females, colored	47
Total	226	Total	207

TOTAL ADMITTED.

Males, white	5	8	6	16	10	5	9	14	11	3	12	5	104
Males, colored	1	2	0	0	1	1	2	1	2	2	2	2	16
Females, white	148	121	126	168	174	100	133	125	122	135	135	113	1600
Females, colored	42	28	33	36	45	38	47	38	37	32	35	35	446
Total	196	159	165	220	230	144	191	178	172	172	184	155	2166

TOTAL DISCHARGED.

Males, white	4	4	4	6	16	9	8	9	10	7	10	7	94
Males, colored	1	0	0	0	2	1	1	0	0	5	0	2	12
Females, white	103	127	130	146	171	184	106	146	98	129	122	116	1528
Females, colored	56	32	25	32	43	28	34	34	20	31	24	36	404
Total	164	163	159	184	232	172	149	189	127	172	156	161	2038

TOTAL DEATHS.

Males, white	0	3	1	0	0	1	1	3	2	0	0	0	11
Males, colored	1	0	0	0	0	1	0	0	1	0	0	2	5
Females, white	14	7	7	3	8	5	3	4	1	8	4	9	73
Females, colored	4	7	3	4	6	2	6	8	5	6	3	4	58
Total	19	17	11	7	14	9	10	15	9	14	7	15	147

BIRTHS (INCLUDING STILLBORN).

Males, White	14	14	15	10	12	15	7	18	9	12	7	12	145
Males, Colored	5	2	4	4	1	3	6	3	7	4	4	3	46
Females, White	8	14	7	14	11	8	7	7	6	10	8	16	116
Females, Colored	7	7	2	2	5	6	2	4	4	5	1	3	48
Total	34	37	28	35	29	32	22	32	26	31	20	34	355
Stillborn	1	1	4	2	1	1	2	1	0	1	1	1	16
Living Children	33	36	24	28	28	31	20	31	26	30	19	33	339
Cases of Twins	0	0	0	0	0	1	0	0	0	0	0	0	1

TABLE NO. 3.

SOCIAL CONDITION OF PATIENTS ADMITTED.

	Male.	Female.	Total.
Single	120	996	1,116
Married	0	646	646
Widowed	0	404	404
Unknown	0	0	0
Total	120	2,046	2,166

TABLE NO. 4.

SHOWING AGE OF PATIENTS ADMITTED.

	White.	Colored.	Total.
Under 1 year	64	16	80
From 1 to 5	105	8	113
" 5 " 10	41	12	53
" 10 " 20	280	146	426
" 23 " 30	527	184	711
" 30 " 40	249	49	298
" 40 " 50	167	16	183
" 50 " 60	140	12	152
" 60 " 70	96	12	108
" 70 " 80	20	5	35
" 80 " 90	4	2	6
" 90 "100	1	....	1
Total	1,704	462	2,166

TABLE NO. 5.

SHOWING NATIVITY OF PATIENTS ADMITTED.

Africa	4	Mexico	1
Austria	3	Russia	5
Bohemia	2	Scotland	7
Canada	10	Spain	1
Denmark	3	St. Louis	400
England	40	Sweden	6
France	3	Switzerland	10
Germany	96	United States	1,406
Ireland	162	Wales	3
Italy	2		
Indian Territory	2	Total	2,166

TABLE NO. 6.

SHOWING OCCUPATION OF PATIENTS ADMITTED.

Actresses	1	Salesladies	5
Agent	1	Seamstresses	23
Clerks	6	Servants	1,246
Cooks	40	School girls	10
Dressmakers	13	Waitresses	21
Factory girls	51	Women, scrub	8
Evangelist	1	Washer, dish	6
Housekeepers	20	Washwomen	19
Housewives	200	School teacher	1
Laundresses	40	Stenographers	2
Milliners	6	Tailoress	1
Nihil	349		
Nurses	8	Total	2,166
Prostitutes	88		

TABLE NO. 7.

Daily average number of employees	54.67
Daily average number of patients	215.04
Daily per capita expense of patients	69.41
Daily per capita expense of patients and employees	55.34
Daily average expense per capita for sustenance patients and employees	.22

TABLE NO. 8.

SHOWING BALANCE SHEET, 1900–1901 — THE FEMALE HOSPITAL, WITH CITY OF ST. LOUIS.

Cr. by Appropriation by Ordinance No. 20,152 — Sec. 1.	$49,405 60	
Cr. by Appropriation by Ordinance No. 20,152 — Sec. 2.	2,000 00	
Cr. by Appropriation by Ordinance No. 20,329 — Sec. 1.	4,300 00	
	$55,705 60	
Less amount of unpaid bills last fiscal year	605 60	
		$55,100 00
Salaries of Superintendent and employees	$21,335 42	
Expenses: —		
Bread	1,411 01	
Meat and fish	7,069 47	
Groceries	6,475 37	
Chickens	139 39	
Vegetables	830 96	
Milk	2,341 78	
Fuel	2,803 45	
Ice	602 20	
Drugs, instruments and supplies	3,390 84	
Dry goods, clothing and bedding	1,057 61	
House furnishing goods and furniture	2,152 20	
Forage and bedding for horses	236 87	
Repairing vehicles and harness, shoeing horses	79 25	
Printing and stationery (including postage)	447 35	
Oils, packing, waste and tools, used by the engineer	213 81	
Lumber and materials for coffins	32 50	
Car tickets	50 00	
Rent of telephone	5 00	
Labor and materials for repairing fences and maintaining grounds	255 92	
Labor and materials for repairing buildings (including boilers, machinery and steam heating apparatus) requiring prompt attention	1,558 48	
Plumbing	1,997 69	
Total	$54,486 07	
Balance of Appropriation	613 93	
Total appropriation		$55,100 00

TABLE NO. 9.

SHOWING LEAVES OF ABSENCE GRANTED DURING THE YEAR ENDING MARCH 31, 1901.

N. J. Hawley, M. D., superintendent, June 18-July 7, 20 days.
F. J. Taussig, M. D., assistant superintendent, August 18–27, 15 days.
Zay Little, M. D., assistant physician, August 5–18, 13 days.
Zay Little, M. D., assistant physician, November 14–17, 7 days.
J. B. Joyce, night watchman, October 20–29, 10 days.
F. W. Bredemeyer, chief clerk, May 4–18, 15 days.
H. C. Watkins, storekeeper, June 4–13, 10 days.
H. C. Watkins, storekeeper, September 24–28, 5 days.
J. D. Watkins, chief engineer, October 29-November 7, 10 days.
Henry Wagner, assistant engineer, October 2–11, 10 days.
Frank Fink, fireman, June 6–15, 10 days.
Albert Jahnsen, fireman, June 26–July 5, 10 days.
August Wendt, gardener, August 23-September 1, 10 days.
Louis Wagner, chief cook, June 19–28, 10 days.
Mary Hart, assistant cook, March 4–13, 10 days.
Julia Hart, assistant cook, July 12-21, 10 days.
Albert Kauffmann, druggist, August 25–September 1, 10 days.
Lucy Parker, housekeeper, September 10–23, 15 days.
Katie Roach, housekeeper, August 2–6, 5 days.
Katie Roach, housekeeper, May 7–11, 5 days.
Mary Daly, chief laundress, August 6–15, 10 days.
Ellen Burke, assistant laundress, May 8–12, 5 days.
Ellen Burke, assistant laundress, September 15–24, 10 days.
Kate Dineen, assistant laundress, December 19–28, 10 days.
Grace B. Hill, day nurse, September 7–16, 10 days.
Martha Cooper, day nurse, August 26–September 4, 10 days.
Maggie McLaughlin, day nurse, May 25–June 3d, 10 days.
Katie McDermott, day nurse, June 5–14, 10 days.
Annie Gray, day nurse, August 3–12, 10 days.
Annie Maurer, day nurse, August 15–24, 10 days.
Annie Maurer, day nurse, February 5–11, 7 days.
Lizzie Coleman, day nurse, October 11–20, 10 days.
Maggie Fay, night nurse, April 25–March 4, 10 days.
Hattie Painter, night nurse, July 1–10, 10 days.
Marie Curran, night nurse, July 25–August 3, 10 days.
Josephine Lawrence, night nurse, August 11–20, 10 days.
Eva Beardsley, assistant nurse, September 18–27, 10 days.
Nellie Moran, assistant nurse, September 29–October 8, 10 days.
Dora Lawrenson, assistant nurse, June 19–28, 10 days.
Camilla Fleetwood, assistant nurse, July 14–23, 10 days.
Sarah Jordan, assistant nurse, August 15–24, 10 days.
Mabel Cooper, assistant nurse, August 26–September 4, 10 days.
Minnie Lawrenson, seamstress, June 19–28, 10 days.

VIII.

POOR HOUSE.

Presenting thirty tables, etc., as follows:

Table No. 1. Showing receipts and expenditures.
Table No. 2. Showing the net expenditures after deducting the following amounts turned over to the City.
Table No. 3. Showing the cost of maintenance per capita.
Table No. 4. Showing the cost of maintenance per capita after deducting credits.
Table No. 5. Showing operation of bakery.
Table No. 6. Showing operation of dairy.
Table No. 7. Showing the number of head of cattle bred, killed and died during the year.
Table No. 8. Showing miscellaneous products.
Table No. 9. Showing number of paupers admitted, discharged, transferred to Insane Asylum and died during the year.
Table No. 10. Showing the nativity of paupers admitted during the year.
Table No. 11. Showing the nativity of paupers discharged during the year.
Table No. 12. Showing the nativity of paupers who died during the year.
Table No. 13. Showing the nativity of paupers in Poor House April 1st, 1896.
Table No. 14. Showing the number of paupers from St. Louis County at the end of the year.
Table No. 15. Showing causes of death of paupers for the year ending March 31st, 1896.
Table No. 16. Relating to insane department of the Poor House.
Table No. 17. Showing nativity of those remaining at the end of the year.
Table No. 18. Showing the number of pay patients and St. Louis County patients at close of year.
Table No. 19. Showing nativity of insane patients who died during the year.
Table No. 20. Showing age of insane patients who died during the year.
Table No. 21. Showing causes of death of insane patients for year ending March 31st, 1896.
Table No. 22. Showing former occupation of insane patients in Poor House April 1st, 1896.
Table No. 23. Showing articles of clothing made in sewing room.
Table No. 24. Showing articles of clothing repaired in sewing room.
Table No. 25. Showing articles of private clothing made in sewing room.
Table No. 26. Showing articles repaired in shoe and tailor shops.
Table No. 27. Showing number, sex, color and nativity of inmates buried in Poor House Cemetery during the year.
Table No. 28. Showing nativity, sex and color of interments in Poor House Cemetery during the year.
Table No. 29. Showing number of visitors from April 1st, 1895, to March 31st, 1896.
Table No. 30. Showing leaves of absence granted during the year ending March 31st, 1896.

TABLE NO. 1.

RECEIPTS AND EXPENDITURES.

Appropriations	$135,267 04	
Less amount of unpaid bills last fiscal year	3,317 04	$131,950 00
EXPENDITURES.		
Salaries of Superintendent and employes	$35,957 65	
Bread	11,374 88	
Meat and fish	24,539 37	
Groceries	27,922 05	
Chickens	.....	
Milk	4,758 51	
Fuel	10,427 93	
Ice	1,076 83	
Drugs, instruments and supplies	1,743 94	
Dry goods, clothing and bedding (including straw)	5,198 33	
House furnishing goods and furniture	3,898 48	
Forage and bedding for horses	.....	
Repairing vehicles and harness, shoeing horses	187 58	
Printing and stationery (including postage)	424 95	
Oils, packing, waste and tools used by engineer	331 50	
Lumber and materials for coffins	55 00	
Car tickets	50 00	
Rent of telephone	5 00	
Miscellaneous	8 00	
Labor and materials for repairing fences and maintaining grounds	379 88	
Traveling expenses of Superintendent	148 50	
Labor and materials for repairing buildings, etc.	4,003 46	
		$132,491 84
Overdrawn		541 84
		$131,950 00

TABLE NO. 2.

SHOWING NET EXPENDITURES AFTER DEDUCTING THE FOLLOWING AMOUNTS TURNED OVER TO THE CITY.

Total expenses for the year		$132,491 84
CREDITS.		
Profits of bakery	$1,643 55	
Board bills of county and other patients	2,705 04	
Old iron, rags, etc	135 08	
Sale of cows	359 00	4,842 67
		$127,649 17

TABLE NO. 3.

SHOWING THE COST OF MAINTENANCE PER CAPITA.

For one year	$81.84
For one month	6.82
For one week	1.57
For one day	.2242

TABLE NO. 4.

SHOWING THE COST OF MAINTENANCE PER CAPITA AFTER DEDUCTING CREDITS.

For one year	$78.17
For one month	6.51
For one week	1.50
For one day	.214

POOR HOUSE BAKERY.

Bread, flour, fuel, etc., on hand April 1, 1900		$563 91	
Flour and fuel purchased		14,244 40	
Yeast		266 02	
Lard, ice, sugar, etc		1,882 99	
Potatoes		1,697 68	
Feed and care of horses, shoeing, etc		1,275 16	
Repairs of wagon, harness, etc		119 95	
Tools, etc		52 60	
New wagon		97 00	
Fire and water hose		67 00	
Repairing bake ovens		274 20	
Salaries of four bakers		2,252 42	
Salary of one bread wagon driver		420 00	
Stationery		60	
Lumber and material for repairing buildings		81 97	
Total cost		$23,295 90	
By bread sold:			
City Jail	78,752 lbs.		$1,968 82
City Hospital	120,578 "		3,014 57
Insane Asylum	237,168 "		5,929 23
Metropolitan Police	6,202 "		155 07
Female Hospital	56,389 "		1,409 76
Poor House	506,616 "		11,374 88
Total	1,005,705 lbs.		$23,852 33
Empty barrels sold			839 93
Bread, flour, fuel, etc., on hand April 1, 1901			247 19
Total credits			$24,939 45
Cost of running bakery			23,295 90
Net profit			$1,643 55

TABLE NO. 6.

POOR HOUSE DAIRY.

Forage purchased		$66 74
Salaries of dairymen		170 00
Total cost		$236 74
By milk sold:		
Poor House, 732 gallons:		236 74
Cows sold		359 00
Total credits		$595 74
Cost of operating dairy		236 74
Balance		$359 00

TABLE NO. 7.

SHOWING THE NUMBER OF CATTLE BRED, KILLED AND DIED DURING THE YEAR.

	Bulls.	Cows.	Calves.	Total.
On hand April 1, 1900	1	11	0	12
Bred	0	9	0	0
Total	1	11	0	12
Died	0	0	0	0
Killed	0	0	0	0
Total	0	0	0	0
Condemned and sold by order of Health Com's	1	11	0	12
On hand March 31, 1901	0	0	0	0

TABLE NO. 8.

MISCELLANEOUS PRODUCTS.

Eggs, 691 doz., at 15 cts	$113 65
Chickens, 140 at 40 cts	56 00
Pigeons, 100 pair at 25 cts	25 00
Ducks, 24 at 40 cts. each	9 60
Total	$204 25

TABLE NO. 9.

SHOWING THE NUMBER OF PAUPERS ADMITTED, DISCHARGED, TRANSFERRED TO INSANE ASYLUM AND DIED DURING THE YEAR.

	Males.	Females.	Total.
Paupers present April 1, 1900	478	255	733
Admitted	338	132	470
Total number cared for during year	816	387	1203
Discharged	265	90	355
Transferred to Insane Asylum	3	1	4
Died	65	28	93
Total	333	119	452
Remaining March 31, 1901	483	267	750
Daily average number present	483	266	749

TABLE NO. 10.

SHOWING THE NATIVITY OF PAUPERS ADMITTED DURING THE YEAR.

	Males.	Fem.	Total.		Males.	Fem.	Total.
At sea	1	..	1	Holland	1	..	1
Austria	2	..	2	Ireland	108	48	156
Bohemia	..	2	2	Russia	1	..	1
Belgium	1	..	1	Scotland	3	3	6
Canada	5	2	7	Sweden	2	..	2
Denmark	2	..	2	Switzerland	8	..	8
England	13	6	19	United States	80	46	136
France	5	..	5	Unknown	2	4	6
Germany	94	21	115				
Total					338	132	470

TABLE NO. 11.

SHOWING THE NATIVITY OF PAUPERS DISCHARGED DURING THE YEAR.

	Males.	Fem.	Total.		Males.	Fem.	Total.
Austria	2	..	2	Ireland	86	41	127
Belgium	1	..	1	Russia	1	..	1
Bohemia	1	1	2	Scotland	4	..	4
Canada	6	1	7	Sweden	3	..	3
Denmark	1	1	2	Switzerland	6	..	6
England	9	6	15	United States	63	26	89
France	4	..	4	Unknown	3	1	4
Germany	74	13	87				
Holland	1	..	1	Total	265	90	355

TABLE NO. 12.

SHOWING THE NATIVITY OF PAUPERS WHO DIED DURING THE YEAR.

	Males.	Fem.	Total.		Males.	Fem.	Total.
Canada	1	..	1	Sweden	1	..	1
England	1	1	2	Switzerland	3	..	3
France	1	..	1	United States	16	12	28
Germany	21	4	25	Unknown	1	1	2
Ireland	17	10	27				
Scotland	3	..	3	Total	65	28	93

TABLE NO. 13.

SHOWING THE NATIVITY OF PAUPERS IN POOR HOUSE APRIL 1, 1901.

	Males.	Fem.	Total.		Males.	Fem.	Total.
At sea	1	1	2	Italy	5	3	8
Australia	1	..	1	Poland	1	1	2
Bohemia	2	6	8	Norway	..	1	1
Canada	..	4	4	Nova Scotia	..	1	1
Denmark	5	..	5	Scotland	4	5	9
England	14	11	25	Sweden	6	..	6
Finland	..	1	1	Switzerland	8	3	11
France	13	2	15	Sclavonia	2	..	2
Guinea	1	..	1	United States	131	79	210
Germany	139	28	167	Unknown	16	10	26
Holland	1	..	1				
Hungary	2	..	2	Total	488	267	750
Ireland	131	411	242				

TABLE NO. 14.

SHOWING THE NUMBER OF PAUPERS FROM ST. LOUIS COUNTY AT THE END OF YEAR.

Males	12
Females	2
Total	14

TABLE NO. 15.

CAUSES OF DEATH OF PAUPERS FOR THE YEAR ENDING MARCH 31, 1901.

	Males.	Females.	Total.
Abscess of leg	..	1	1
Apoplexy, cerebral	2	2	4
Arthritis deformans	1	..	1
Asthma	..	1	1
Atheroma	2	1	3
Cancer of head	1	..	1
Cancer of stomach	..	1	1
Cancer of throat	1	..	1
Cerebral softening	1	..	1
Cirrhosis of liver	1	..	1
Cystitis	1	..	1
Debility, senile	9	15	24
Dilatation of heart	1	..	1
Embolism, cerebral	1	..	24
Embolism, inf. mesenteric artery	1	..	1
Enteritis	2	2	4
Gangrene, senile	1	..	1
Gastritis	1	..	1
Gastro-enteritis	2	..	2
Hemiplegia	3	1	4
Jaundice, catarrhal	..	1	1
Locomotor ataxia	1	..	1
Nephritis	18	2	20
Phthisis pulmonalis	11	1	12
Pneumonia	2	..	2
Uraemia	2	..	2
Total	65	28	93

TABLE NO. 16.

RELATING TO INSANE DEPARTMENT OF THE POOR HOUSE.

Movement of Population.	Males.	Females.	Total.
Number at beginning of year	344	540	884
Received by transfer from Insane Asylum	42	48	90
Whole number cared for during the year	386	588	974
Discharged improved	..	..	..
Discharged unimproved	3	14	17
Transferred to Insane Asylum	1	..	1
Died	52	41	93
Total	56	55	111
Remaining March 31, 1901	330	533	863
Daily average number present	334	536	870

TABLE NO. 17.

SHOWING THE NATIVITY OF THOSE REMAINING AT THE END OF THE YEAR.

	Males.	Females.	Total.
Austria	..	2	2
Bohemia	3	4	7
Belgium	2	1	3
Bavaria	2	..	2
Canada	2	2	4
Denmark	1	2	3
England	..	5	5
France	1	3	4
Germany	65	150	215
Hungary	1	1	2
Ireland	27	86	113
Italy	4	1	5
Russia	6	2	8
Scotland	6	4	10
Sweden	5	2	7
Switzerland	6	4	10
United States	189	253	442
Unknown	10	11	21
Total	330	533	863

TABLE NO. 18.

SHOWING THE NUMBER OF PAY PATIENTS AND ST. LOUIS COUNTY PATIENTS AT THE CLOSE OF THE YEAR.

	Males.	Females.	Total.
Pay patients	3	8	11
St. Louis County patients	2	6	8

TABLE NO. 19.

SHOWING THE NATIVITY OF INSANE PATIENTS WHO DIED DURING THE YEAR.

	Males.	Fem.	Total.		Males.	Fem.	Total.
Bohemia	..	1	1	Scotland	..	1	1
Denmark	1	..	1	Sweden	..	1	1
England	1	1	2	Switzerland	1	..	1
Germany	14	3	17	United States	28	24	52
Ireland	3	8	11	Unknown	4	2	6
				Total	52	41	93

TABLE NO. 20.

SHOWING THE AGE OF INSANE PATIENTS WHO DIED DURING THE YEAR.

	Males.	Fem.	Total.
Between 5 and 10 years	....	....	....
" 10 and 15 years	....	....	....
" 15 and 20 years	....	1	1
" 20 and 25 years	5	1	6
" 25 and 30 years	4	2	6
" 30 and 35 years	5	2	7
" 35 and 40 years	5	5	10
" 40 and 45 years	5	3	8
" 45 and 50 years	8	2	10
" 50 and 55 years	2	3	5
" 55 and 60 years	7	3	10
" 60 and 65 years	1	2	3
" 65 and 70 years	....	4	4
" 70 and 75 years	4	6	10
" 75 and 80 years	2	1	3
" 80 and 85 years	3.	2	5
" 85 and 90 years	....	1	1
" 90 and 95 years	....	....	....
" 95 and 100 years	....	2	2
Age unknown	1	1	2
Total	52	41	93

TABLE NO. 21.

CAUSE OF DEATH OF INSANE PATIENTS FOR YEAR ENDING MARCH 31, 1901.

	Males.	Fem.	Total.
Abscess of lung	1	....	1
Abscess of psoas	1	....	1
Anaemia	1	....	1
Anaemia, pernicious	3	....	3
Apoplexy, cerebral	2	....	2
Asthenia	3	....	3
Chorea	....	1	1
Cirrhosis of liver	1	....	1
Debility, senile	3	10	13
Dementia chronica	1	5	6
Diarrhoea	....	1	1
Enteritis, chronic	1	8	9
Enteritis, tuberculos	1	....	1
Entero-colitis	3	1	4
Epilepsy	5	....	5
Gastro-enteritis	1	....	1
Nephritis	9	4	13
Phthisis pulmonalis	11	10	21
Pneumonia	3	1	4
Uraemia	1	....	1
Valvular disease of heart	1	...	1
Total	52	41	93

TABLE NO. 22.

SHOWING THE FORMER OCCUPATION OF INSANE PATIENTS IN POOR HOUSE, APRIL 1, 1901.

	Males.	Females.	Total.		Males.	Females.	Total.
Artists	1	..	1	Laundresses	..	6	6
Actresses	..	2	2	Lithographers	1	..	1
Bakers	8	1	9	Lottery men	1	..	1
Barbers	8	..	8	Machinists	5	..	5
Basketmakers	5	..	5	Mattress makers	1	..	1
Boiler makers	4	..	4	Mechanic	1	..	1
Brushmakers	1	..	1	Merchant	1	..	1
Book agents	1	..	1	Milliners	..	5	5
Bookbinders	1	..	1	Music teachers	..	2	2
Bookkeepers	2	..	2	Midwives	..	1	1
Bootblacks	2	..	2	Newsboys	2	..	2
Boxmakers	2	..	2	No occupation	48	76	124
Blacksmiths	3	..	3	Painters	4	..	4
Butchers	3	..	3	Peddlers	2	4	6
Cabinet makers	2	..	2	Plumbers	4	..	4
Canvassers	3	..	3	Policemen	1	..	1
Carpenters	7	..	7	Prostitutes	..	4	4
Cigar makers	4	..	4	Rivermen	1	..	1
Chewing gum manufacturer	1	..	1	Railroad men	2	..	2
Coachman	3	..	3	Saddlers	2	..	2
Cooks	4	2	6	Saloon keepers	5	..	5
Contractor	1	..	1	Servants	..	18	18
Coopers	5	..	5	Seamstresses	..	19	19
Conductors	2	.	2	Sexton	1	..	1
Dishwashers	1	..	1	School teachers	1	1	2
Domestic services	..	104	104	School girls	..	2	2
Dressmakers	..	8	8	Shoemakers	4	..	4
Drivers	1	..	1	Solicitor	1	..	1
Druggists	2	..	2	Stone cutters	2	..	2
Engineer	1	..	1	Stonemasons	4	..	4
Farmers	9	..	9	Tailors	2	1	3
Factory girls	..	2	2	Tinners	8	..	8
Gardeners	2	..	2	Tobacconists	3	2	5
Glassblower	1	..	1	Typesetters	2	..	2
Gambler	1	..	1	Tanner	1	..	1
Grocers	1	..	1	Tramps	2	..	2
Housewives	..	171	171	Undertakers	2	..	2
Housekeepers	..	46	46	Unknown	29	54	83
Hucksters	1	..	1	Washerwomen	..	2	2
Hostlers	6	..	6	Whiteners	2	..	2
Iron molders	3	..	3	Wagonmaker	1	..	1
Laborers	82	..	82	Total	330	533	863

TABLE NO. 23.

SHOWING ARTICLES OF CLOTHING MADE IN SEWING ROOM.

	No.		No.
Aprons, check	530	Curtains	49
Aprons, cook's	82	Drawers, pairs	687
Aprons, rubber	8	Dresses, check	891
Awnings	5	Jumpers	24
Caps	120	Jackets, cook's	42
Camisoles	44	Napkins	153
Chemises	408	Night gowns	210

Pillow cases	1,001	Pants	3
Pillow ticks	21	Sheets	1,439
Petticoats	113	Sheets, rubber	6
Shirts, check	828	Undershirts	905
Shirts, cook's	49	Union suits	8
Spreads	184	Jumpers	24
Suspenders	178		
Towels	983	Total	9,155
Duck suits	72		

TABLE NO. 24.

SHOWING ARTICLES OF CLOTHING REPAIRED IN SEWING ROOM.

	No.		No.
Awnings	5	Shirts	2,903
Aprons, cook's	50	Shirts, cook's	73
Aprons, check	91	Spreads	316
Camisoles	87	Sheets	2,462
Dresses	169	Table cloths	123
Drawers	2,282	Undershirts	3,246
Duck suits	236	Underdresses, boy's	25
Jean suits	69	Under drawers, boy's	10
Napkins	32		
Overalls	311	Total	12,612
Pillow covers	122		

TABLE NO. 25.

SHOWING ARTICLES OF PRIVATE CLOTHING MADE IN SEWING ROOM.

	No.		No.
Aprons	21	Shirt waists	8
Chemises	38	Shirts, child's	2
Dresses	176	Union suits	7
Drawers	67	Waists, boy's	6
Dress skirt	1		
Night gowns	48	Total	417
Petticoats	43		

TABLE NO. 26.

SHOWING ARTICLES REPAIRED IN SHOE AND TAILOR SHOPS.

	No.		No.
Caps	48	Shoes	3,426
Coats	416	Slippers	923
Pants	1,822		
Vests	428	Total	7,063

TABLE NO. 27.

SHOWING THE NUMBER, SEX, COLOR AND NATIVITY OF INMATES BURIED IN POOR HOUSE CEMETERY DURING THE YEAR.

	White.		Colored.		
	Males.	Females.	Males.	Females.	Total.
Canada	1	0	0	0	1
Denmark	1	0	0	0	1
England	1	2	0	0	3
Germany	16	2	0	0	18
Ireland	9	5	0	0	15
Scotland	1	0	0	0	1
Switzerland	4	0	0	0	4
United States	22	8	4	6	40
Unknown	2	1	0	1	4
	57	18	4	8	87

TABLE NO. 28.

SHOWING NATIVITY, SEX, NUMBER AND COLOR, OF INTERMENTS IN POOR HOUSE CEMETERY DURING THE YEAR.

	White.				Colored.					
	Adults.		Children.		Adults.		Children.			
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Stillborn.	Total.
Belgium	1	..	..	..	..	..	..	..	..	1
Canada	3	1	..	..	..	..	..	..	..	4
Denmark	2	..	..	..	..	..	..	..	..	2
England	4	3	..	..	..	..	..	..	..	7
France	4	..	..	..	..	..	..	..	..	4
Germany	52	4	..	..	..	..	..	..	..	56
Holland	1	..	..	..	..	..	..	..	..	1
Ireland	36	11	..	..	..	1	..	..	..	48
Italy	2	..	..	..	..	..	..	..	..	2
Russia	1	..	..	..	..	..	..	..	..	1
Switzerland	6	2	..	..	..	..	..	..	..	8
Sweden	2	..	..	..	..	..	..	..	..	2
Scotland	3	1	..	..	..	..	..	..	..	4
United States	100	31	87	58	47	30	24	20	146	543
Unknown	28	4	17	10	4	2	1	1	..	67
	245	57	104	68	51	33	25	21	146	750

Boxes of material from medical colleges	2
Boxes of human bones found	1
Total	753

TABLE NO. 29.

SHOWING THE NUMBER OF VISITORS FROM APRIL 1, 1900, TO MARCH 31, 1901.

April	331	November	198
May	278	December	209
June	209	January	197
July	179	February	135
August	196	March	180
September	222		
October	221	Total	2555

TABLE NO. 30.

SHOWING LEAVES OF ABSENCE GRANTED DURING THE YEAR ENDING MARCH 31, 1901.

Nettie Brown, attendant, from April 1st to April 10th, with pay.
Kate Meegan, attendant, from April 11th to April 20th, with pay.
Kate Green, attendant, from April 21st to April 30th, with pay.
M. J. Junkins, attendant, from May 1st to May 10th, with pay.
Lizzie Phillips, attendant, from May 11th to May 20th, with pay.
Martha Dennis, attendant, from May 21st to May 30th, with pay.
Sarah Doran, attendant, from May 31st to June 9th, with pay.
Letitia Lockhart, attendant, from June 10th to June 19th, with pay.
Mollie O'Rourke, attendant, from June 20th to June 29th, with pay.
Mary Quigley, attendant, from June 30th to July 9th, with pay.
Blanche McCollough, attendant, from July 10th to July 19th, with pay.
Clara Greenwald, attendant, from July 20th to July 29th, with pay.
Theresa Beile, attendant, from July 30th to August 8th, with pay.
Rhoda Moslander, attendant, from August 9th to August 18th, with pay.
Mary Callaghan, attendant, from August 19th to August 28th, with pay.

Therese Seeger, attendant, from August 29th to September 7th, with pay.
Ada Kennel, attendant, from September 8th to September 17th, with pay.
Lillian Good, attendant, from September 18th to September 27th, with pay.
Ella Brown, attendant, from September 28th to October 7th, with pay.
Alice Nonnelly, attendant, from October 8th to October 17th, with pay.
Bertha Keim, attendant, from October 18th to October 27th, with pay.
Ollie McKee, attendant, from October 28th to November 6th, with pay.
Lydia Stoeffel, attendant, from November 7th to November 16th, with pay.
Pauline Goetz, night watch, from July 10th to July 19th, with pay.
Ruth Fleetwood, night watch, from July 20th to July 29th, with pay.
Mary Stannard, night watch, July 30th to August 8th, with pay.
Cora Buffington, night watch, from August 19th to August 28th, with pay.
Louise Beckham, night watch, from August 9th to August 18th, with pay.
Mamie Wedler, night watch, from June 30th to July 9th, with pay.
Fred Wendt, night watch, from May 4th to May 13th, with pay.
Henry Johnson, night watch, from May 26th to June 4th, with pay.
Thomas Turner, night watch, from July 9th to July 18th, with pay.
Julius Pfeninger, night watch, from September 1st to September 10th, with pay.
Martin Jahnsen, attendant, from April 1st to April 10th, with pay.
Arthur Berliner, attendant, from April 12th to April 21st, with pay.
C. K. Dyer, attendant, from April 23d to May 2d, with pay.
Henry Huelsmann, attendant, from May 15th to May 24th, with pay.
John Cahill, attendant, from June 6th to June 15th, with pay.
John Quigley, attendant, from June 17th to June 26th, with pay.
Wm. D. Campbell, attendant, from June 28th to July 7th, with pay.
Charles Biersdorf, attendant, from July 20th to July 29th, with pay.
Martin Hoell, attendant, from July 31st to August 9th, with pay.
Isaac Baer, attendant, from August 11th to August 20th, with pay.
Charles Monicke, attendant, from August 22d to August 31st, with pay.
Henry Von Der Wahl, attendant, from September 12th to September 21st, with pay.
Ruth Fleetwood, night watch, from April 18th to April 22d, without pay.
H. S. Truax, supervisor, from June 19th to June 28th, with pay.
Annie M. Sloan, assistant cook, from June 20th to June 29th, with pay.
E. G. Remmers, Superintendent, from June 8th to June 9th, with pay.
E. G. Remmers, Superintendent, from July 12th to July 14th, with pay.
A. H. Myderdick, physician, from July 13th to July 31st, with pay.
Bertha Keim, head attendant, from July 13th to July 22d, with pay.
Bertha Keim, head attendant, from July 24th to August 1st, without pay.
Thos. Ownby, plasterer, from July 26th to July 28th, with pay.
Clementine Casey, first-class female help, from July 25th to July 27th, with pay.
Margaret Sharpe, supervisor, from August 8th to August 22d, with pay.
C. E. Nicholson, carpenter, from August 25th to September 2d, with pay.
Georgie Porter, attendant, August 16th to August 25th, with pay.
E. G. Remmers, Superintendent, from August 27th to September 2d, with pay.
Fred Ziegenhein, storekeeper, from August 27th to September 2, with pay.
Marie Tinsley, first-class female help, from August 27th to September 6th, without pay.
Lydia Kennel, second-class female help, from September 8th to September 17th, without pay.
Ella Brown, attendant, from September 25th to September 27th, without pay.
Ben Wagner, chief engineer, from September 8th to September 19th, with pay.
G. G. R. Kunz, physician, from September 20th to September 24th, with pay.
Henry Kropp, chief clerk, from October 26th to October 27th, with pay.
R. W. L. Dusing, first-class help, from November 1st to November 13th, with pay.
E. G. Remmers, Superintendent, from November 1st to November 2d, with pay.
H. S. Truax, supervisors, from November 4th to Nov. 13th, with pay.
G. G. R. Kunz, physician, from November 10th to November 18th, with pay.
E. G. Remmers, Superintendent, from November 12th to November 16th, with pay.
Fred Ziegenhein, storekeeper, from November 24th to November 25th, with pay.
Luther Reno, assistant cook, from December 8th to December 15th, with pay.
Henry Kropp, chief clerk, from January 24th to January 26th, with pay.
Clara M. Remmers, matron, from January 27th to February 10th, with pay.
E. G. Remmers, Superintendent, from January 27th to February 10th, with pay.

ANNUAL REPORT

OF THE

President of the Board of Public Improvements,

For the Fiscal Year ending April 8, 1901.

ST. LOUIS, April 9, 1901.

Hon. Board of Public Improvements:

GENTLEMEN:—I have the honor to submit my report for the President's Department for the fiscal year, ending April 8, 1901.

The details of work done under my supervision are given in the accompanying reports of the "Assistant to the President," as to vouchers approved for expenditures on account of the several Departments, and as to contracts made for minor work of repairs and alterations of Public Buildings, and of the "Assessor of Special Taxes" covering the work done in that division of the President's Department.

Considerable progress has been made by the Commissioner of Public Buildings in the preparation of plans for the New City Hospital. Contracts have been let by the Board for clearing and grading the Hospital grounds and for the construction of foundations for the several buildings, which can be built under present appropriations. Other contracts for these buildings may be let at an early date. Full report as to the City Hospital work properly belongs to the province of the Commissioner of Public Buildings.

Owing to the depleted condition of the City's finances, the work of the President's Department has been limited to routine. The future needs of the City have been considered, but want of means has prevented plans and propositions taking concrete form, or recommendations.

Respectfully,

ROBT. E. McMATH,
President.

ANNUAL REPORT

OF THE

Assistant to the President of the Board of Public Improvements,

For the Fiscal Year ending April 8, 1901.

OFFICE OF THE PRESIDENT OF THE
BOARD OF PUBLIC IMPROVEMENTS.
ST. LOUIS, MO., April 9, 1901.

Hon. Robert E. McMath, President of the Board of Public Improvements:

SIR: I have the honor to present herewith the following report for the fiscal year ending April 8, 1901: —

The expenditures of the President's Department during the year have been as follows:—

Advertising and printing proceedings	$6,429 54
Drafting materials, instruments, etc	84 88
Office expenses, furniture, repairs, etc	413 62
Printing and stationery	2,188 08
Expenses in obtaining information relating to public work	46 20
Pay Rolls:—	
President, secretary, assistant, assessor and deputy assessor of special taxes, special tax clerks, clerks, stenographer, draftsman, civil engineer and surveyor	34,099 80
Civil Engineers, surveyors, field hands and draftsmen, temporarily employed under Ord. 18,377	100 00
Consulting architect, superintendent of construction, chief inspector, inspectors and draftsmen, as authorized by Ord. 18,376	552 42
Total	$43,863 99

During the year vouchers requiring the approval of the President, and aggregating the following amounts, were examined, approved and forwarded to the Auditor, to wit: —

PAY-ROLLS, MISCELLANEOUS EXPENSES AND REPAIRS REQUIRING PROMPT ATTENTION.

Street bridges and culverts	$34,050 88	
Street cleaning — labor and carts	56,983 80	
Street cleaning — block system	11,998 50	
Street cleaning — stone and wood blocks and asphaltum pavements	63,731 59	
Street Commissioner's department	72,702 16	

Street grades and surveys	$7,499 63	
Street repairs — macadam and other materials	51,710 57	
Street repairs — miscellaneous expenses	69,187 70	
Street repairs — reconstructed streets	37,109 54	
Street repairs — salaries	53,263 17	
Streets — special and temporary service	46,235 91	
Numbering houses	1,000 00	
Sprinkling streets	169,638 92	$675,112 87
Water Works	$543,768 12	
Water Works extension, salaries and expenses	30,460 22	574,228 34
Sewers — salaries, current expenses and repairs	96,958 84	
Mill Creek Sewer repairs	4,558 02	101,516 86
Park Commissioner	8,328 01	
Carr Square	1,395 21	
O'Fallon Park	5,247 98	
Carondelet Park	5,677 03	
Forest Park	46,173 80	
Benton Park	2,491 67	
Hyde Park	2,174 27	
Lyon Park	2,121 28	
St. Louis Place	3,819 63	
Jackson Place	693 02	
Laclede Park	1,006 99	
Gamble Place	1,468 52	
Washington Square	2,246 10	
Fountain Park	591 84	
Gravois Park	966 70	
South St. Louis Square	792 15	
Kenrick Garden	199 85	
Forest Park Boulevard	298 62	
		85,692 67
Harbor and Wharf: —		
Salaries and current expenses	$11,831 60	
Scavenger dumps, construction and repairs	3,253 15	
Cleaning levee and removing obstructions	11,042 44	
Scavenger dumps, salaries and expenses	6,704 96	
Street cleaning — floating dumps	9,112 51	
Repairs of dikes, wharf and river bank	21,975 82	
Harbor boat	14,469 98	
		78,388 46
Commissioner of Public Buildings	$17,083 77	
Old City Hall, salaries and current expenses	637 84	
Court House, salaries and current expenses	9,265 48	
Four Courts Building, salaries and current expenses	13,427 43	
Old City Hall, repairs and alterations	469 57	
Court House, repairs and alterations	755 15	
Four Courts Building, repairs and alterations	2,357 55	
House of Refuge	10,570 72	
City Hospital	2,464 40	
Female Hospital	3,474 50	
Courts	660 00	
Jail and Jailer's residence	785 20	
Markets	399 36	
Poor House	4,583 41	
Insane Asylum	3,373 80	
Morgue	130 96	
Quarantine and Smallpox Hospital	460 71	
Scales	24 49	
New City Hall, repairs and alterations	1,599 59	
New City Hall, salaries and current expenses	20,759 64	

Fire Department — repairs of buildings	$10,300 21	
Poor House bakery	335 92	
Work House	2,292 81	
		$106,152 01
Lighting streets, alleys, parks and public places	$423,185 25	
Lighting public buildings	91,304 85	
		514,490 10
Plumbing Inspection Department		10,039 78
Old City Hall, fitting up 1st District Police Court		957 80
Total for pay-roll, miscellaneous expenses and repairs requiring prompt attention		$2,190,434 33
Contracts and other deposits		539,342 93

FOR WORK AUTHORIZED BY SPECIAL ORDINANCE.

Reconstruction and improvement of streets and alleys	$9,379 69	
Unexpended balances of amounts deposited by property owners to pay excess over 25 per cent, returned	4,382 02	
Waterworks Extension	843,054 52	
Constructing public sewers and inlets	6,295 99	
Tower Grove Storm Sewer	32,356 48	
Erection of New City Hall	4,523 20	
Crosswalks	423 68	
Furnishing Municipal Assembly	5,819 44	
Cleaning, etc., New City Hall	1,018 56	
Constructing public drinking fountain	231 65	
Dakota Street Sewer	14,324 93	
Total for new work		921,810 16
Total amount of vouchers approved by the President during fiscal year		$3,651,587 42

NEW CITY HALL.

The following is a summary of work done on the New City Hall, to April 8, 1901:

Name of Contractor and character of work.	Amount of Contract with additions and deductions.	Amount expended prior to April 1, 1900.	Amount expended during year ending April 8, 1901.	Total amount expended to April 8, 1901.	Amount necessary to complete existing contracts.
W. F. Hopkins, Excavating, etc., for foundations	$ 66,732 61				
Extra work	3,094 65	$ 69,827 26	.....	$ 69,827 26	Completed
John Hill, masonry of foundations	40,562 15	40,562 15	.....	40,562 15	"
St. Louis Granite Co., granite work of basement story	35,900 00				
Extra work	14,766 15	50,666 15	.....	50,666 15	"
Christopher & Simpson iron work	84,586 00				
Extra work	3,547 46	88,133 46	.....	88,133 46	"
John Low, interior finishing of parts	34,221 00				
Extra work	7,531 30	41,752 30	.....	41,752 30	"
Pickel Marble and Granite Co., marble wainscoting	12,570 00	12,570 00	.....	12,570 00	"
Ward & Hartley, brick-work	153,937 00				
Extra work	3,755 98	157,692 98	.....	157,692 98	"
Schneider Granite Co., granite work of first story	149,875 00				
Extra work	945 00	150,820 00	.....	150,820 00	"
Pickel Stone Co., cut-stone work	152,797 00	152,797 00	.....	152,797 00	"
Koken Iron Works, roof, etc	151,500 00				
Extra work	6,954 68	158,454 68	.....	158,454 68	"
Empire Fire-Proofing Co., fire-proofing for 1st, 2nd, 3rd and 4th stories, and 4th story ceiling $ 28,680 00					
Deduction for reduction in price of hollow tile floor arches 1,439 82	27,240 18	27,240 18	.....	27,240 18	"
R. S. Colnon, General builder's work necessary to render certain parts of building ready for occupancy	12,885 00				
Extra work $ 2,345 11					
Deductions on account of work omitted 2,316 84	28 27	12,913 27	.....	12,913 27	"
R. S. Colnon, heating plant for certain parts of building	14,000 00				
Extra work $ 1,093 21					
Deduction for work omitted 30 00	1,063 21	15,063 21	.....	15,063 21	"
M. J. Ward & Co., sewering, plumbing and gas fitting $ 21,827 00					
Allowed for Clark Ave. connection $ 194 80					
Less deduction for changes in plan 121 50	73 30	21,900 30	21,900 30	.....	21,900 30	"
F. C. Webb, grading grounds	2,038 49	2,038 49	.....	2,038 49	"
August Heman, constructing granitoid walks	1,933 26	1,933 26	.....	1,933 26	"
Henry Ruckert, constructing conduits $ 8,644 60					
Deductions for work omitted 146 25	8,498 35	8,498 35	.....	8,498 35	"
Heine Safety Boiler Co. erecting boilers	6,642 00	6,642 00			
Premium for efficiency	.....	359 85	.....	7,001 85	"
W. T. & J. Barron, constructing brick-work $ 6,493 00					
Deductions 169 50	6,323 50	6,323 50	.....	6,323 50	"
Modern Heating Co., erecting engines, fans, radiators, etc $ 24,800 00					
Deductions for changes in valves 375 00	24,425 00	24,425 00	.....	24,425 00	"
Flesh & Mook Painting Co., painting iron work	1,857 60	1,857 60	.....	1,857 60	"
E. G. Bruckman, electric wiring $ 16,947 00					
Deductions as per agreement 425 00	16,522 00	16,522 00	.....	16,522 00	"
Empire Fire Proofing Co., fire-proofing certain portions of building $ 14,900 00					
Deductions for work omitted 410 12	14,489 88	14,489 88	.....	14,489 88	"
Robt. Paulus, constructing window frames	14,498 00	14,498 00	.....	14,498 00	"
Koken Iron Works, constructing structural iron work	20,213 00	20,213 00	.....	20,213 00	"
Albert McCartney, plastering $ 31,229 00					
Deductions 1,694 42	29,534 58	29,534 58	.....	29,534 58	"
J. Caplan, metal work of heating and ventilating flues	14,000 00	14,000 00	.....	14,000 00	"
W. M. Sutherland, fitting up rooms for election commissioners	4,643 00	4,643 00	.....	4,643 00	"
Heman Construction Co., concrete floor surfacing $ 8,580 00					
Deduction for work omitted 148 09	8,431 91	8,431 91	.....	8,431 91	"

NEW CITY HALL.—*Continued.*

Name of Contractor and character of work.	Amount of contract with additions and deductions.	Amount expended prior to April 1, 1900.	Amount expended during year ending April 8, 1901.	Total amount expended to April 8, 1901.	Amount necessary to complete existing contracts.
Westlake & Barwick, Raceways for electric wiring ..... $ 4,798 00					
Deductions 109 80	$4,688 40	$4,688 40	.....	$1,688 40	Completed
Mesker & Bro., Metal work, heating and ventilating flues..... $ 20,400 00					
Deduction 7,564 00	12,836 00	12,836 00	.....	12,836 00	"
Albert McCartney, Ornamental plastering..	3,500 00	3,500 00	.....	3,500 00	"
Pickel Marble and Granite Co., marble work ..... $ 82,578 00					
Deductions 440 00	82,138 00	82,138 00	.....	82,138 00	"
Conrad Kellerman, Carpentry. . $ 30,500 00					
Deductions 80 00	30,420 00	30,420 00	.....	30,420 00	"
T.J. Quinn Painting Co., Painting $ 3,116 50					
Deductions 137 25	2,879 25	2,879 25	.....	2,879 25	"
Drey & Kahn, Glass	7,200 00	7,200 00	.....	7,200 00	"
H. Hall, Grading..... $ 3,007 20					
Extra work 458 40	3,465 60	3,465 60	.....	3,465 60	"
Koken Iron Works, Ornamental iron work..	7,950 00	7,950 00	.....	7,950 00	"
Salamo & Biederman Hardware Co., Hardware ..... $ 5,243 00					
Deductions 889 75	4,353 25	4,353 25	.....	4,353 25	"
Modern Heating Co., Extra pipe work	772 00	772 00	.....	772 00	"
Gilsonite Roofing and Paving Co., Granitoid floors in basement... ..... $ 5,544 00					
Work omitted 840 44	4,703 56	4,703 56	.....	4,703 56	"
Staudte & Rueckoldt Mfg. Co., Counters, cases, etc., License Commissioner's office.	1,475 00	1,475 00	.....	1,475 00	"
Staudte & Rueckoldt Mfg. Co., Counters and railings ..... $ 12,287 50					
Work omitted 3,738 46	8,549 04	8,549 04	.....	8,549 04	"
Heman Con. Co., Granitoid walks $ 3,422 47					
Work omitted..... 362 36	3,060 11	3,060 11	.....	3,060 11	"
M. J. Ward & Co., Laying water service pipe	515 00	515 00	.....	515 00	"
Geo. H. Norton, removal of Grant Statue..... $861 50					
Deduction 300 00	561 50	561 50	.....	561 50	"
Trorlicht, Duncker & Renard Carpet Co., Shades	433 75	433 75	.....	433 75	"
Porter White, completing Council Chamber and House of Delegates Chamber..... $59,000 00					
Extra work..... 2,847 77	61,847 77	61,847 77	.....	61,847 77	"
Modern Heating Co., additional steam piping	4,500 00	4,500 00	.....	4,500 00	"
Wm. Daman & Son, finishing fire and police telegraph room.....	2,149 00	2,149 00	.....	2,149 00	"
Porter White, finishing southeast room in basement $1,695 00					
Deduction 66 00	1,629 00	1,629 00	.....	1,629 00	"
Porter White, main approaches to Council Chamber and House of Delegates Chamber	2,950 00	2,950 00	.....	2,950 00	"
Wm. J. Dale, painting retiring room, Council Chamber and House of Delegates Chamber.....	275 00	275 00	.....	275 00	"
Heine Safety Boiler Co., two additional water tube boilers	7,250 00	.....	7,250 00	7,250 00	
Wm. M. Sutherland, rooms for Recorder of Deeds..... $2,963 00					
Deduction..... 100 00	2,863 00	.....	2,863 00	2,863 00	"
Harry F. Heman, additional boiler room....	1,470 00	.....	1,470 00	1,470 00	"
Miscellaneous work.....	.....	53,611 29	.....	53,611 29	"
Miscellaneous work on heating plant.	.....	5,645 48	.....	5,645 48	"
Miscellaneous work on lighting plant	.....	9,928 74	.....	9,928 74	"
Expenses for maintenance, etc	.....	8,559 96	.....	8,559 96	
Eckel & Mann, architects, for services $74,301 67					
Less amount paid by Comptroller..... 5,000 00	.....	69,301 67	.....	69,301 67	
Geo. R. Mann, services for designing heating plant.....	.....	3,901 56	.....	3,901 56	
Salaries of employes authorized by Ordinance 18,376	.....	50 00	.....	50 00	
Totals	$1,438,372 74	$1,578,388 29	$11,583 00	$1,589,971 29	

Appropriation for new City Hall prior to April 1, 1900.....	$1,594,079 88
Appropriation during fiscal year 1900-1901	00 00
Total appropriation to April 1, 1901	$1,594,079 88
Total expenditures to April 1, 1901.....	1,589,971 29
Balance, April 8, 1901,.....	$4,108 59

STATEMENT OF CONTRACT WORK FOR REPAIRS, ETC., OF PUBLIC BUILDINGS DURING FISCAL YEAR, 1900-1901.

Authority.	No. of Contract.	Name of Contractor.	Description of Work.	Appropriation	Amount of Contract.	Amount Expended prior to April 1st, 1900.	Amount Expended during fiscal year ending April 8th, 1901.	Total Amount Expended to April 8th, 1901.	Amount needed to complete existing contracts.
Ord. 19,235	5530	Stifel & Ruckert	Hose Tower, etc., Engine House No. 20	$6,490 00	$ 583 00				
			Extras		17 56		$ 600 56	$ 600 56	Completed.
Ord. 19,835	5536	Edw. Thierry & Co.	Plumbing at Female Hospital	Gen'l.	1,882 50				
			Extras		45 60		1,928 10	1,928 10	"
Ord. 19,835	5599	John Gilmore	Plumbing at Engine House No. 15	"	220 00		220 00	220 00	"
Ord. 19,835	5600	The Ludlow Saylor Wire Co	Fire Escapes, House of Refuge	"	470 00		470 00	470 00	"
Ord. 19,835	5601	Gilsonite Roofing & Paving Co.	Asphalt Floor, Engine House No. 25	"	1,823 50				
			Extras.		31 65		1,855 15	1,855 15	"
Ord. 19,835	5602	W. H. Pearson	Fence, Engine House No. 26	"	138 00		138 00	138 00	"
Ord. 19,835	5603	Koken Iron Works	New Plate Girder, Engine House No. 23	"	468 00		468 00	468 00	"
Ord. 20,097	5623	Ferd. Thelemann	Room, Lighting Department, New City Hall	"	279 00		279 00	279 00	"
Ord. 20,097	5624	Harry F. Heman	Reconstructing Floor, Engine House No. 9	"	823 00		823 00	823 00	"
Ord. 20,096	5719	Wm. H. Pearson	1st Dist. Police Court, Old City Hall	$1,000 00	925 00		925 00	925 00	"
Ord. 20,097	5804	R. W. Sadring & Son	Gutters, etc., at Jail	Gen'l.	335 00		335 00	335 00	"
Ord. 20,152	5812	Jno. E Sadring	Repairing Roof, Gutters, etc, Four Courts	"	230 00		230 00	230 00	"
Ord. 20,152	5813	Koken Iron Works	Fire Escapes, Poor House	"	317 00		317 00	317 00	"
Ord. 20,152	5814	J. D. Gallens	Painting Exterior, etc., Four Courts	"	515 50		515 00	515 00	"
Ord. 20,152	2815	Ferd. Thelemann	Fence at Engine House No. 25	"	179 00		179 00	179 00	"
Ord. 20,152	5816	Wm. Daman	Coal Shed, etc., Engine House No. 25	"	273 00		273 00	273 00	"
Ord. 20,152	5817	James Mullen & Son	Repair Boiler, Furnace, City Hospital	"	368 00		368 00	368 00	"
Ord. 20,152	5826	F. J. Schloemer	Painting, Papering, etc., Court House	"	159 00		159 00	159 00	"
Ord. 20,152	5830	Gilsonite Construction Co.	Driveway at Engine House No. 30	Real Estate	273 40		273 40	273 40	"
Ord. 20,152	5831	Von der Au Cluss H. & C. Co.	Repairing Down Spouts, City Hospital	Gen'l.	190 00		190 00	190 00	"
Ord. 20,152	5833	A. G. Clark	Plastering, etc., at Four Courts	"	260 00				
			Deduction		4 00		256 00	256 00	"
Ord. 20,152	5838	J. H. Vollmer	Reconstructing Floors, Engine House No. 31	"	1,040 00				
			Extras.		23 00		1,063 00	1,063 00	"
Ord. 20,152	5916	American Construction Co.	Coal Wagon Shed, Engine House No. 32	"	433 00				$433 00
Ord. 20,152	5917	Val. A. Fath	Repairing Gutters, etc., Union Market	Markets.	238 00				238 00
Ord. 20,152	5918	American Construction Co.	General Repairs, Engine House No. 32	Gen'l.	899 00				899 00
			Totals		$13,435 71		$11,865 71	$11,865 71	$1,570 00

MISCELLANEOUS.

Application for permits received and referred	801
Permits issued by order of the Board	754
Requisitions for supplies and materials submitted to and approved by the President	2,793
Requisitions for repairs of buildings requiring prompt attention, received and acted upon	441
Contracts for public work executed by the President and forwarded to the Council for approval	299
Appointments submitted to and approved by the President, to wit:—	
By the Water Commissioner	11
By the Commissioner of Public Buildings	22
	33

Very respectfully.

WILBUR B. ALLEN,
Assistant.

ANNUAL REPORT

OF THE

SPECIAL TAX DEPARTMENT,

For the Fiscal Year Ending April 8, 1901.

ST. LOUIS, April 8, 1901.

Hon. Robt. E. McMath, President Board of Public Improvements:

SIR: — I have the honor to submit herewith, my annual report of work done by the Special Tax Department for the fiscal year ending as above.

It is so arranged, as to exhibit character and detail of all work done specifically.

There were issued during the past year 5014 bills for Special Taxes, for work done in streets, alleys, sewers, sidewalks and repairs amounting to a sum total of $480,628.11 of which amount $4,224.18 was paid by the City, being amount in excess of the 25 per cent. assessed value restriction of the City Charter. The work of preparing for and the writing and issuing of sprinkling bills for the 54 districts sprinkled, is only partly completed at this date, and this very large item of work cannot be included in this report which I now submit for your consideration and approval.

Very respectfully,

PHILIP F. SHIRMER,
Assessor of Special Taxes.

IMPROVEMENT OF STREETS.

NATURE OF WORK.	NAME OF STREET.	CONTRACTOR.	Ordinance.	Cont.	Payable by Spe'l Tax.	Payable by City.	Total Amount.
Curb, Gutter, Telford, etc	Arkansas av. between Magnolia av. and Shenandoah av	St. Louis Stone Masons Q. & B. Co.	19759	5383	$ 4021 90	$117 60	$ 4139 50
" "	Vandeventer av. between Magnolia av. and Botanical av	St. Louis Stone Masons Q. & B. Co.	19751	5382	2185 29		2185 29
" "	Cottage av. between Vandeventer av. and Warne av.	T. E. Cavanagh.	19442	5342	2782 56		2782 56
" "	Garfield av. between Pendleton av. and Taylor av.	Bambrick Bates Cons. Co	19444	5159	5387 30		5387 30
" "	Garrison Court from Garrison av. eastwardly as far as open	Bambrick Bates Cons. Co	19445	5157	821 36		821 36
" "	Iowa av. between Magnolia av. and Sidney st	John A. Lohrum	20156	5824	3778 16		3778 16
					$18976 57	$117 60	$19094 17

IMPROVEMENT OF STREETS WITH NOVACULITE.

Paving with Novaculite	LaSalle st. between Jefferson av. and Ewing av	Chas. Warner	19693	5310	$ 8634 59		$ 8634 59
" "	Papin st. between Manchester av. and Boyle av	St. Louis Stone Masons Q. & B. Co.	19637	5312	10341 94	$ 755 18	11097 12
" "	Labadie av. between Marcus av. and Euclid av	Stifel & Ruckert	19750	5395	7307 40	200 82	7508 22
" "	Oregon av. from Cherokee st. to Utah st	Chas. Warner.	19696	5315	3336 08		3336 08
" "	Flad av. from Vandeventer av. to Tower Grove av	Chas. Warner.	19691	5318	16141 41	247 63	16389 04
" "	Ferry st. from 14th st. to 20th st.	M. A. Hogan	19805	5381	5615 35	1110 98	6726 33
					$51376 77	$1314 61	$52691 38

IMPROVEMENT OF STREETS WITH VITRIFIED BR.

Paving with Vitrified Br	Euclid av. southwardly to N. L. R. of W. of St. Louis and Suburban Ry	Mound City Const. Co	19763	5398	$ 2589 85		$ 2589 85
" "	Rutger st. between Grand av. and Spring av	Skrainka Const. Co	19639	5290	5943 28	$ 881 66	6344 94
" "	Cherokee st. between Nebraska av. and Gravois av.	Stifel & Ruckert	19575	5297	10266 88	44 28	10311 17
" "	Page boul. between Pendleton av. and Taylor av.	Mound City Const. Co	19697	5359	17600 91		17600 91
" "	Ninth st. between Sidney st. and Victor st.	Stifel & Ruckert	19764	5400	2227 67	7 23	2234 90
" "	Sarah st. between West Belle pl. and Easton av.	St. Louis Stone Masons Q. & B. Co.	19766	5500	10869 39	435 63	11305 02
" "	Euclid av. from For. Pk. boul. to pt. 134' S. of S. L. Audubon av	Skrainka Const. Co.	19762	5399	4622 01	195 05	4817 06
" "	Bayard av. between Suburban R. of W. & Easton av	G. H. Wright.	19761 & 19975	5779	17832 75	612 93	18445 68
" "	Whittier st. between Olive st. and Lindell boul.	Stifel & Ruckert.	19669	5300	7935 61	60 88	7995 99
					$79908 86	$1737 16	$81645 52

RECONSTRUCTION OF STREETS WITH GRANITE.

Paving with Granite	Wash st. from Fourth st. to Sixth st.	Gottlieb Eyermann	19959	5617	$ 6369 25		$ 6369 25
" "	Third st. between Chouteau av. and Plum st.	Hill O'Meara Const. Co	19940	5613	12877 36		12877 36
" "	Eighteenth st. from Chestnut st. to Pine st.	Harry F. Heman	19998	5785	2147 72		2147 72
" "	Ninth st. from Franklin av. to Biddle st.	Hill O'Meara Const. Co.	19942	5616	10744 94		10744 94
" "	Sixteenth st. from Market st. to St. Charles st.	Gottlieb Eyermann	19943	5615	17130 86		17130 86
" "	Seventh st. from Franklin av. to Biddle st	Hill O'Meara Const. Co	19941	5614	12299 56		12299 56
" "	Manchester av. from Vandeventer av. to Chouteau av	Skrainka Const. Co.	20086	5799	15131 75		15131 75
" "	Manchester av. from Compton av. to Grand av	Schneider Granite Co	20084	5800	23591 24	$140 23	23731 47
" "	Manchester av. from C. L. of Alley between 1720 and 1721 to Compton av.	Heman Const. Co.	20087	5801	29188 41	149 88	29338 29
" "	Laclede av. from Jeff. av. to C. L of Alley bet. 1720 and 1721	J. C. Fink, Jr.	20066	5786	12215 58		12215 58
" "	Manchester av. from Grand av. to Vandeventer av.	Skrainka Const. Co.	20085	5798	20640 91	335 18	20976 09
" "	Jefferson av. from Market st. to Washington av.	H. Ruecking & Co	20160	5825	9925 45		9925 45
					$172263 03	$625 29	$172888 32

RECONSTRUCTION OF STREETS WITH VITRIFIED BRICK.

NATURE OF WORK.	NAME OF STREET.	CONTRACTOR.	Ordinance.	Cont.	Payable by Spe'l Tax	Payable by City.	Total Amt.
Paving with Vitrified Br	Easton av. from Garrison av. to Grand av	Heman Const. Co	20064	5791	$7775 80	$16 50	$7792 30
					$7775 80	$16 50	$7792 30

CONSTRUCTING NEW SIDEWALK.

NATURE OF WORK.	NAME OF STREET.	CONTRACTOR.	Ordinance	Cont.	No. of Square Ft.	Payable by Spe'l Tax.	Payable by City.	Total Amt.
Pav. with Art. St. Flag.	Thompson av. between Natural Bridge road and Bailey av	Morris Rich.	19522	5744	2086 64	$ 323 43	.....	$ 323 43
Pav. with Art. St. Flag.	North Market st. between Garrison av. and Grand av	Morris Rich.	19858	5744	1908.82	295 86	.....	295 86
Pav. with Art. St. Flag.	Cote Brilliante av. between Spring av. and Prairie av. ...	Morris Rich.....	20120	5744	643.78	99 79	.....	99 79
Pav. with Art. St. Flag.	Parnell st. between Bremen av. and Glasgow av.....	Morris Rich.	20117	5744	1138.80	176 51	.....	176 51
Pav. with Art. St. Flag.	Peck st. between Kossuth av. and Penrose st	Morris Rich.....	20125	5744	250.00	38 75	.....	88 75
Pav. with Art. St. Flag.	DeSoto av. between Emily st. and Florissant av..	Morris Rich.....	20128	5744	665 68	103 18	.....	103 18
Pav. with Art. St. Eing.	Twentieth st. between Madison st. and North Market st .	Morris Rich.....	20142	5744	1821 96	282 25	.....	282 25
Pav. with Art. St. Flag.	Cottage av. between Grand av. and Spring av.....	Morris Rich.....	20121	5744	2882 70	446 82	.....	446 82
Pav. with Art St. Flag.	Greer av. between Newstead av. and Taylor av	Morris Rich.	20133	5744	2642.63	409 61	.....	409 61
Pav. with Art. St. Flag.	Greer av between Marcus av. and Euclid av.....	Morris Rich.....	20132	5744	3535 47	548 00	.....	548 00
Pav. with Art. St. Flag.	Garfield av. between Prairie av. and Sarah st.	Morris Rich.....	20140	5744	2453 12	380 23	.....	380 23
Pav. with Art. St. Flag.	Henrietta st. between Ohio av. and California av	John A. Lohrum	20139	5743	600.00	93 00	.....	93 00
Pav. with Art. St. Flag.	N. S. Henrietta st. from Louisiana westwardly about 145'..	John A. Lohrum	20114	5743	300 00	46 50	.....	46 50
Pav. with Art. St. Flag.	Iowa av. between Geyer av. and Lafayette av.....	John A. Lohrum	20135	5743	611.22	94 74	.....	94 74
Pav. with Art. St. Flag.	Iowa av. between Miami st. and Cherokee st.	John A. Lohrum	20143	5743	5920 94	917 74	.....	917 74
Pav. with Art. St. Flag.	S. S. of Wyoming st. between Ninth st and Thirteenth st..	John A. Lohrum	20145	5743	1887.90	292 62	.....	292 62
Pav. with Art. St. Flag.	S. S. of Wyoming st. between Oregon av and Nebraska av.	John A. Lohrum	20136	5743	1620.00	251 40	.....	251 40
Pav. with Art. St. Flag	Wyoming st. between Pennsylvania av. and Gravois av.. .	John A. Lohrum	20138	5743	2825.22	437 96	.....	437 96
Pav. with Art. St. Flag	Wisconsin av. between Broadway and Cherokee st	John A. Lohrum	20123	5743	3026.56	469 12	.....	469 12
Pav. with Art. St. Flag.	E. S. Ohio av. from Lafayette north to alley about 106 ft..	John A. Lohrum	20124	5743	642.80	99 63	.....	99 63
Pav. with Art. St. Flag.	Cote Brilliante av. between Newstead av. and Cora av. ..	Morris Rich.....	20122	5744	4093 34	634 47	.....	634 47
Pav. with Art. St. Flag.	Theresa av. between Lafayette av. and Park av	John A. Lohrum	19549	5743	5120 85	793 74	.....	793 74
Pav. with Art. St. Flag.	Hickory st. between Ohio av. and California av	John A. Lohrum	20130	5743	2220 38	344 16	.....	344 16
Pav. with Art. St. Flag.	Newstead av. bet. Forest Park boul. and West Pine boul.	John A. Lohrum.....	20127	5743	1936 13	300 10	.....	300 10
Pav. with Art. St. Flag	Biddle st. from pt. 80 ft. w of Broadway eastwardly to alley.	Morris Rich.....	20147	5744	427.50	66 26	.....	66 26
Pav. with Art. St. Flag.	Cottage av. between Newstead av. and Taylor av	Morris Rich.	19855	5744	3699.85	573 47	.....	573 47
Pav. with Art St. Flag.	Henrietta st. between Theresa av and Grand av	John A. Lohrum	20108	5743	3714 00	575 67	.....	575 67
Pav. with Art. St. Flag.	Montrose av. between Park av. and Hickory st.	John A. Lohrum	20141	5743	1689.15	261 82	.....	261 82
Pav. with Art. St. Flag.	N. S. Geyer av. bet Nebraska av. and Pennsylvania av..	John A. Lohrum	20126	5743	1741 82	269 98	.....	269 98
Pav. with Art. St. Flag.	E. S. California av. from Caroline st. southwardly to E. and W. alley.....	John A. Lohrum	20145	5743	711.50	110 28	.....	110 28
Pav. with Art. St. Flag.	Pendleton av. between West Belle place and Evans av ..	Morris Rich.....	20129	5744	2893.27	448 46	.....	448 46
Pav. with Art. St. Flag.	E. S. Compton av. bet. Longfellow boul. and Russell av.	John A. Lohrum.....	20110	5743	150 00	23 25	.....	23 25
Pav. with Art. St. Flag	S. S. Morgan st. from Walton av. eastwardly about 268 ft..	Morris Rich.	20116	5744	474.60	73 56	.....	73 56
Pav. with Art St. Flag.	Berlin av. between Taylor av. and Euclid av.....	John A. Lohrum	20134	5743	889.23	137 83	.....	137 83
			Totals ...		67225.86	$10420 19	.....	$10420 19

RECONSTRUCTION OF SIDEWALK WITH ART. ST. FL. UNDER ANNUAL CONT. AND SEC. 901 OR 904, MUNICIPAL CODE OF ST. LOUIS.

District.	CONTRACTOR.	Contract.	No. of Sq. Ft.	Amount.
Second ...	Morris Rich	5744	2243.71	$347 77
			2243.71	$347 77

REPAIRING SIDEWALK WITH ART. ST. FL. UNDER ANNUAL CONT. AND SEC. 901 OR 904, MUNICIPAL CODE OF ST. LOUIS.

District.	CONTRACTOR.	Contract.	No. of Sq. Ft.	Amount.
First.	Harry F. Heman	5446	866.74	$126 80
First.	Harry F. Heman.	5745	3075.91	892 00
Second ...	Harry F. Heman.	5447	833 67	157 31
Second....	Harry F. Heman	5746	1233.99	357 86
			6010.31	$1,533 97

REPAIRING SIDEWALK WITH BRICK UNDER ANNUAL CONT. AND SEC. 907, MUNICIPAL CODE OF ST. LOUIS.

District.	CONTRACTOR.	Contract.	Scantling, No. of Ft.	NO. OF SQUARE YDS.		AMOUNT.		Amount of Scantling.	Total Amount.
				New.	Old.	New.	Old.		
First.....	Harry F. Heman	5440	.....	147.09	8.79	$ 77 96	$ 0 88	.....	$ 78 74
First.....	Harry F. Heman	5739	818 90	617.40	90.16	444 58	45 09	81.89	571 51
Second	Harry F. Heman	5441	.... ..	409 76	12.67	217 17	1 27	.....	218 44
Second	John A. Lohrum	5740	292.90	900.37	39.87	711 80	7 97	2 98	722 20
Third.....	Harry F. Heman	5442	41.40	96.01	4.41	50 89	0 44	0.41	51 74
Third.....	Harry F. Heman	5741	267.20	1,160.81	69.87	696 49	13 91	13 36	723 76
Fourth	Harry F. Heman	5443	24.80	53.80	3.09	28 51	0 31	0.25	29 07
			1,445.20	3,385.24	228.56	$2,226 85	$69 87	98.84	$2,395 46

REPAIRING ALLEYS WITH LIMESTONE UNDER ANNUAL CONTRACT AND SEC. 908 MUNICIPAL CODE OF ST. LOUIS.

DISTRICT.	CONTRACTOR.	CONTRACT.	NO. OF SQUARES. New.	NO. OF SQUARES. Old.	AMOUNT. New.	AMOUNT. Old.	TOTAL AMOUNT.
Second	St. Louis Stone Masons' Q. and B. Co	5449	41.21	13 35	$ 473 92	$ 13 35	$ 487 27
Second	St. Louis Stone Masons' Q. and B. Co	5748	59.86	6 75	867 97	13 50	881 47
Third	Bambrick-Bates Construction Co	5450	63.24	16.67	635 71	41 69	689 96
			164.31	36.77	$1,977 60	$ 68 54	$2,058 69

RECONSTRUCTION OF ALLEYS WITH VITRIFIED BRICK.

CITY BLOCK.	DESCRIPTION OF WORK.	CONTRACTOR.	Ordinance.	Cont.	Payable by Spec. Tax.	Payable by City.	Total Amount.
662	Alley from Geyer av. southwardly as far as open between 7th st. and 8th st	Harry F. Heman	19497	5185	$ 888 27		$ 888 27
260	Alley from 11th st. eastwardly to N. & S. alley between Franklin av. and Wash st	H. Ruecking & Co	19840	5511	241 80		241 80
949	Alley from 20th st. to 21st st., between Morgan st. and Franklin av	H. Ruecking & Co	19847	5514	1181 70		1181 70
894	Alley from 18th st. to 19th st. between Market st. and Chestnut st	J. C. Fink, Jr	19954	5604	1114 04		1114 04
907	Alley from 20th st. to 21st st., between Olive and Locust st	H. Ruecking & Co	19846	5513	1072 29		1072 29
569	Alley from 17th st. to 18th st., between Biddle st. and Division st	H. Ruecking & Co	19845	5512	687 78		687 78
1815	Alley from Ohio av. to Josephine st., between LaSalle st. and Chouteau av	H. Ruecking & Co	19850	5516	1094 97		1094 97
77	Alley from Cedar st. to Plum st., between 3d st. and 4th st	G. H. Wright Contr. Co	19978	5776	1195 52		1195 52
2225	Northern E. and W. alley from Leonard av. to Channing av., 120 feet south of and parallel to Laclede av	G. H. Wright Contr. Co	19956	5774	571 33		571 33
2226	Northern E. and W. alley from Compton av. to Leonard av., and 120 feet S. of and parallel to Laclede av	G. H. Wright Contr. Co	19957	5775	546 22		546 22
599	Alley from 17th st. to 18th st., between Pine st. and Olive st	G. H. Wright Contr. Co	19948	5767	747 57		747 57
543	Alley from 17th st., 18th st., between Franklin av. and Wash st	G. H. Wright Contr. Co	19950	5769	1159 25		1159 25
541	Alley from 16th st. to 17th st. between Morgan st. and Franklin av	G. H. Wright Contr. Co	19949	5768	1141 11		1141 11
1215	Alley from Mallinckrodt st. to Salisbury st., between 9th st. and 11th st.	Herman Ruecking & Co	19849	5515	915 53		915 53
2139	E. and W. alley from Jefferson av. east to N. and S. alley between Lafayette av. and Whittemore Place	H. Ruecking & Co	19851	5517	1280 68		1280 68
620	Alley from Blair av. to 15th st., between Chambers st. and Madison st	G. H. Wright Contr. Co	19951	5770	714 86		714 86
631	Alley from Madison st. to Clinton st. between 12th st. and 14th st	G. H. Wright Contr. Co	19952	5771	552 34		552 34
641	Alley from Madison st. to Clinton st., between 12th and 13th st	G. H. Wright Contr. Co	19953	5772	738 89		738 89
975	Alley from Elliot av., to Leffingwell av., between Dickson st. and Thomas st.	G. W. Wright Contr. Co	19955	5773	1010 14		1010 14
348	E. and W. alley from 10th st. to 11th st. between Brooklyn st. and Tyler st	G. W. Wright Contr. Co	19947	5766	382 39		382 39
					$16636 58		$16636 58

IMPROVEMENT OF ALLEYS WITH VITRIFIED BRICK.

CITY BLOCK.	DESCRIPTION OF WORK.	CONTRACTOR.	Ordinance.	Cont.	Payable by Spec. Tax.	Payable by City.	Total Amount.
3906	Alley between Boyle av., Newstead av., Laclede av and W. Pine boulevard	Alex. Niedringhaus	19454	5151	$3151 56		$3151 56
1320	N. & S. alley from Geyer av. north to E. & W. alley between Texas av. & Ohio av	G. H. Wright Cont. Co	20003	5645	1175 77		1175 77
1380	Alley from Ohio av. to California av., between Shenandoah av. and Armand st	G. H. Wright Cont. Co.	20005	5647	1471 23		1471 23
1356	Alley between Oregon av. and Nebraska av., Accomac st. and Russell av	G. H. Wright Cont. Co.	20004	5646	2689 73	$120 78	2810 51
1516	Alley between Ohio av., Iowa av., Utah st. and Wyoming st	John A. Lohrum	20008	5650	2562 87	156 69	2819 47
1823	Alley from Josephine st. to California av., between Hickory st. and LaSalle st	G. H. Wright Cont. Co.	20009	5651	613 53		613 53
2157S	Alley from Compton to Virginia av., between Park av. and Vista av	G. H. Wright Cont. Co.	20017	5659	605 94		605 94
1512	N. and S. alley from Utah st. north to E. and W. alley between California av. and Oregon av.	G. H. Wright Cont. Co.	20007	5649	1482 35		1482 35
1281	Alley from Louisiana av. to Theresa av., between St. Vincent av. and Park av	G. H. Wright Cont. Co.	20002	5644	1420 34		1420 34
2447	Alley from 20th st. to Emily st., between Obear and John av	J. E. Perkinson	20025	5695	1626 43		1626 43
2480	Alley from Emily st. to Florissant av. between Obear and John av	J. E. Perkinson	20026	5696	1167 82		1167 82
4569	Alley from Newstead av. to Taylor av. between West Belle pl. and Fairfax av	G. H. Wright Cont. Co	20043	5704	2210 67		2210 67
2476	Alley from 20th st. to Emily st. between John av. and Gano av	J. E. Perkinson	20024	5694	1620 06		1620 06
2260E	Alley from 23rd st. to Jefferson av. between Papin st. and Gratiot st	G. H. Wright Cont. Co	20018	5660	1020 67		1020 67
1988	Alley from Franklin av. to Bell av., between Compton av. and Leonard av	G. H. Wright Cont. Co	20014	5656	720 20		720 20
3724	E. and W. alley from Newstead av. west to N. and S. alley bet. Evans av. and Easton av	G. H. Wright Cont. Co	20038	5700	2461 80		2461 30
3703	N. and S. alley from Garfield av. to N. Market st. between Newstead av. and Taylor av	T. E. Cavanagh	20036	5667	910 60		910 60
3705	N. and S. alley from St. Ferdinand av. to Cottage av., between Newstead av. and Taylor av.	T. E. Cavanagh	20037	5668	473 96		473 96
2263	Alley from Missouri av. to Jefferson av., between Hickory st. and LaSalle st	G. H. Wright Cont. Co	20090	5708	1400 51		1409 51
1870	Alley from Spring av. to Prairie av. between Cote Brilliante av. and Garfield av	G. H. Wright Cont. Co	20011	5653	1296 17		1296 17
2113	Alley from Spring av. to Vandeventer av., between Shenandoah av. and Cleveland av	G. H. Wright Cont. Co	20016	5658	1720 30		1720 30
2331	Alley from 20th st. to 21st st. and 120 feet south of and parallel to North Market st	G. H. Wright Cont. Co	20019	5661	453 72		453 72
1871	Alley from Spring av. to Prairie av., between Garfield av. and North Market st	G. H. Wright Cont. Co	20094	5710	1316 38		1316 38
1435	Alley between Compton av., Virginia av., Sidney st. and Shenandoah st	G. H. Wright Cont. Co	20006	5648	1799 32		1799 31
2116	Alley from Spring av. to Vandeventer av. between Cleveland av. and Flad av	G. H. Wright Cont. Co	20089	5707	1713 94		1713 94
2444	Alley from Ferry st. to Bissell st., between 19th st. and 20th st	G. H. Wright Cont. Co	20023	5665	2634 91		2634 91
3910N	Alley from Whittier st. to Boyle av., between Westminster place and Olive st	G. H. Wright Cont. Co	20042	5703	2080 78		2080 78
1926	E. and W. alley from Thompson av. west, to N. and S. alley bet. Harper st. and Barret st.	G. H. Wright Cont. Co	20012	5654	1273 05		1273 05
1926	N. and S. alley from Harper st. to Barret st. and between Thompson av. and Grand av	G. H. Wright Cont. Co	20013	5655	640 29		640 29
2088	Alley from Victor st. to Shenandoah av. and between Jefferson av. and Texas av	G. H. Wright Cont. Co.	20015	5657	992 15		992 15
4844	Alley from Academy av. to Clarendon av., between Delmar boulevard and Morgan st	G. H. Wright Cont. Co.	20045	5706	2362 05		2362 05
2427	Alley from Penrose st., to Carter av. between Grove st. and Pleasant st	G. H. Wright Cont. Co.	20020	5662	1347 85		1347 85
3764	Southern E. & W. alley from Euclid av. to Aubert av., 167 feet 6 inches N. of and parallel to Delmar boulevard	Mound City Con. Co	20040	5716	867 43		867 43
3702	E. and W. alley from Newstead av. west to N. and S. alley bet. Cote Brilliante av. and Garfield av	Mound City Con. Co	20034	5715	1303 98		1303 98
3703	E. and W. alley from Newstead av. to N. and S. alley bet. Garfield av. and N. Market st	Mound City Con. Co	20093	5718	1310 23		1310 23
3665	Alley from St. Ferdinand av. to Kennerly av., between Belle Glade av. and Whittier st	Mound City Con. Co	20030	5712	1457 28		1457 28
3678	Alleys bet. Whittier st., Goode av., Garfield av. and N. Market st	Mound City Con. Co	20032	5713	1458 73	135 55	1594 28
3701	E. and W. alley from Newstead av. to N. and S. alley bet. Lucky st. and Cote Brilliante av.	Mound City Con. Co	20033	5714	1320 47		1320 47
3664	Alley from Garfield av. to St. Ferdinand bet. Belle Glade av. and Whittier st	Mound City Con. Co	20092	5717	1475 92		1475 92
3662	Alley from Lucky st. to Garfield av. between Sarah st. and Belle Glade av	Mound City Con. Co	20029	5711	1293 79		1293 79
1849	Alley from Glasgow av. to Garrison av. between Madison st. and Magazine st	T. E. Cavanagh	20010	5652	1377 03		1377 03
					$60281 16	$413 02	$60694 18

RECONSTRUCTION OF ALLEYS WITH GRANITE.

City Block	Description of Work.	Contractor.	Ordinance	Contract.	Payable by Spl. Tax.	Payable by City.	Total Am'nt.
280	E. & W. Alley from 10th st. to 11th st., bet. Olive st. & Locust st.	H. Ruecking & Co	19946	5612	$1170 25	.....	$1170 25
176	Northern E. & W. Alley from 10th st. to 11th st., 107 ft. 6 in. S. of and parallel to Franklin av	" "	19839	5607	1287 59	.....	1287 59
266	N. & S. Alley from Wash st. to E. & W. Alley bet. 12th st. and High st.	" "	19844	5610	846 30	.....	846 30
176	N. & S. Alley from Morgan st. to Franklin av., and 10th st. to 11th st	" "	19838	5606	1603 12	.....	1603 12
265	N. & S. Alley from Franklin av. to Wash st., bet. 11th st. and 12th st	J. C. Finck, Jr.	19841	5608	1133 03	.....	1133 03
268	Alley from Carr st. to Biddle st., bet. 12th st. and High st	" "	19945	5611	1085 82	.....	1085 82
					$7126 11	.....	$7126 11

IMPROVEMENT OF ALLEYS WITH GRANITE.

City Block	Description of Work.	Contractor.	Ordinance	Contract	Payable by Spl. Tax.	Payable by City.	Total Am'nt.
266	E.& W. Alley from 12th st. West to N. & S. Alley, and 102 ft.6 in. N. of & parallel to Franklin av	H. Ruecking & Co	19843	5605	$424 20	.....	$424 20
					$424 20	.....	$424 20

CONSTRUCTION OF DISTRICT SEWERS.

Description of Work.	Contractor.	Ordinances.	Contract.	Amount.
Rock Spring Sewer District No. 8.	Mound City Contracting Co	19885 and 20058	5669	$2275 52
Rock Spring Sewer District No. 9.	Gottlieb Eyermann, Jr.	20164 and 20165	5829	1582 81
Rocky Branch Sewer District No. 7.	Hill-O'Meara Construction Co.	19655 and 19656	5802	40920 94
				$44779 27

RECAPITULATION.

NATURE OF WORK.	Payable by Special Tax.	Payable by City.	Total Amount.
Improvement of streets with Telford, etc.	$ 18,976 57	$ 117 60	$ 19,094 17
Improvement of streets with Novaculite	51,376 77	1,314 61	52,691 38
Improvement of streets with vitrified brick	79,908 86	1,737 16	81,645 52
Reconstruction of streets with granite	172,263 03	625 29	172,888 32
Reconstruction of streets with vitrified brick	7,775 80	16 50	7,792 30
Constructing new sidewalk	10,420 19	.....	10,420 19
Reconstruction of sidewalk with art stone flagging	347 77	.....	347 77
Repairing sidewalk with art stone flagging	1,533 97	.....	1,533 97
Repairing sidewalk with brick	2,395 46	.....	2,395 46
Repairing alleys with limestone	2,058 69	.....	2,058 69
Reconstruction of alleys with vitrified brick	16,736 58	.....	16,736 58
Improvement of alleys with vitrified brick	60,281 16	413 02	60,694 18
Reconstruction of alleys with granite	7,126 11	.....	7,126 11
Improvement of alleys with granite	424 20	.....	424 20
Construction of district sewers	44,779 27	.....	44,779 27
Grand totals	$476,403 93	$4,224 18	$480,628 11

P. F. SHIRMER,

Assessor Special Taxes.

ANNUAL REPORT

OF THE

CITY LIGHTING DEPARTMENT,

For the Fiscal Year ending April 8, 1901.

JUNE 4th, 1901.

Hon. Hiram Phillips, President of the Board of Public Improvements:

DEAR SIR—I have the honor to submit this, the annual report of the City Lighting Department for the fiscal year ending April 8th, 1901.

During the fiscal year no tests of the purity or illuminating power of the gas manufactured in the City were made. This failure was due to the limited appropriation available for the purpose of completing our Photometer apparatus on the fourth floor of the City Hall. Photometer rooms should be provided in various parts of the City as the quality of gas determined at the New City Hall cannot represent the quality of that which is distributed north of Cass avenue or south of Chouteau avenue. The cost of such rooms and apparatus complete, if placed in the basement of buildings owned by the City, should not exceed six hundred dollars and would not require any additional inspectors, as the time required in determining the illuminating power of gas need not take over twenty minutes and need not be made every day at all places. The Photometer room in the New City Hall is provided with a constant potential rotary transformer and suitable apparatus for determining the candle power of electric lamps in the execution of our present contracts. We still lack gas connections and improved Bunsen Bar. The cost of completing same will not exceed seven hundred dollars.

Underground work, the extent of which is shown in Exhibits No. 1 and 2 appended, the largest amount of work, was done by The Seckner Contracting Company in the execution of City Lighting Contract No. 5598. The St. Louis Refrigerating and Cold Storage Company did considerable. The Kinloch Telephone Company received permits for a conduit to be placed in the alley north of Olive street to Ewing avenue, thence on Ewing avenue to the alley north of Locust street and into this alley, but did no work under it. Exhibit 2 gives extent of conduit work done in accordance with the law. I understand that some of the companies have done more, but where it is I have no knowledge. I have frequently urged the companies to place their wires in conduits where the street intersections have offsets and the number of wires required many guy poles and guy wires which are far more objectionable than continuous pole lines, as well as introducing a factor of hazard in overhead construction, which is certainly not desirable and should not be encouraged by those employed to look after the public's interest.

The hours of lighting public lamps under the present contracts in the district north of Keokuk street, have been increased about 182 hours a year over

the length of time under the old contracts which expired on May 1st, 1900. Exhibit 5 shows the hours per month under the various contracts.

The changes in lighting are shown in Exhibit 7, as the conditions stood on the first day of the months named.

The cost of Public Building lighting was rendered unnecessarily high on account of the conditions imposed on the contractor, he being required to furnish all the lamps used and a surplus of twenty per cent, all the current required at any time to operate them at normal candle power and to furnish and maintain all wiring and fittings necessary. The City reserves the right to furnish any part of this, except the current. The City could have required the companies to wire any or all of the buildings they lighted without any additional compensaton than the rate per 1,000, Watt hours, specified in the contract. With this, as well as a logical conclusion that the City would be more economical in the use of electric current in view, the price was fixed very high. The City did not exercise that degree of economy in the use of light practiced while the old flat rate contract was in force by about ten per cent, the total cost was enormous. Exhibit No. 3 relates to gas consumed, and Exhibits Nos. 9, 13, and 14, relate to electric lighting of the buildings.

Complaints of various kinds are given and classified in Exhibits Nos. 10, 11, 13, 15, and 20.

Permits issued and applications examined into as required by law, are classified and tabulated in Exhibits No. 16 and 17.

The extent of streets and alleys occupied by poles, wires and electric railways are given in Exhibits 18 and 19.

Accidents and fires, Exhibits Nos. 20 and 21.

Private lamps on streets, Exhibit No. 22.

Financial matters including a comparison of cost with previous years are shown in Exhibit No. 23 and sequel.

IMPORTANT STEPS TAKEN DURING THE YEAR IN RELATION TO PUBLIC LIGHTING.

April 6, 1900. The design of lamp post as illustrated in a post weighing 170 lbs. presented by the Kern Incandescent Gas Light Co. was approved.

April 6, 1900. The arc and incandescent lights as they existed previous to January 1, 1900, were ordered continued after May 1, 1900.

April 10, 1900. Reported the receipt of lamps, etc., from the Kern Incandescent Gas Light Company.

April 13, 1900. Instructed to locate arc lamps, incandescent lamps and mantle lamps and order their erection.

April 13, 1900. Rules relative to the location of mantle lamps were adopted.

May 26, 1900. Reported and forwarded to the Board of Public Improvements, all communications from the Kern Incandescent Gas Light Company, relative to their rate of progress under Contract No. 5596.

June 1, 1900. Board of Public Improvements adopted the Wood Inclosed Arc Lamps submitted by The Seckner Contracting Co., as the standard as contemplated in Contract No. 5598.

June 2, 1900. The Electra Carbons submitted by The Seckner Contracting Co. were adopted as the standard carbon contemplated in Contract No. 5598.

June 19, 1900. Breach of contract No. 5596 of the Kern Incandescent Gas Light Co. was declared.

June 21, 1900. The draft of an ordinance to provide for lighting from September 1, 1900, to January 1, 1901, was adopted.

June 21, 1900. Letting No. 6382 for mantle lamp lighting was ordered.

June 21, 1900 Rules adopted relative to The Seckner Contracting Company and the Imperial Electric Light, Heat & Power Co. permits for conduit.

June 26, 1900. Notifications of the breach of contract were registered and mailed to the Kern Incandescent Gas Light Co., and National Surety Co. Registration receipts numbered 13,065 and 13,066 were receipted and returned by the above named parties, and the fact reported.

July 6, 1900. Triple braid weatherproof wire adopted for overhead construction for circuits not exceeding 1,000 volts.

July 10, 1900. Contract No. 5803 for mantle lamp lighting was awarded to the Welsbach Street Lighting Co. of America.

July 13, 1900. Reported that gas lamp and burner, gasoline lamp and burner and three styles of iron posts to be used in execution of Contract No. 5803 were filed.

July 13, 1900. The above were approved.

July 17, 1900. Brackets and reflectors for incandescent lamp lighting under contract No. 5598 were approved.

August 7, 1900. Reported that on July 7, 1900, the Missouri Electric Light & Power Co., the Electric Light, Power & Conduit Co. of St. Louis, and the Edison Illuminating Co. of St. Louis transferred all their physical property to the Missouri-Edison Electric Co., and on August 3, 1900, that the Missouri-Edison Electric Co. had acquired such property.

August 14, 1900. Stenographic reports dated June 2d, 5th and 18th, 1900, relating to Contract No. 5596 were ordered filed.

August 14, 1900. Welsbach Street Lighting Co. of America reported rate of progress under contract No. 5803.

August 21, 1900. Board of Public Improvements adopted resolutions instructing the Supervisor of City Lighting to cause all the lamps then erected under Contract No. 5803 to be lighted September 1, 1900, and all additional lamps to be lighted as fast as same are erected.

On September 1st, 1900, the status of street and alley lighting was as follows: —

Arc electric lamps	Contract No. 5598,	873 lamps
Incandescent electric lamps	Contract No. 5598,	501 lamps
Welsbach lamps (annual)	Contract No. 5537,	234 lamps
Gas lamps	Contract under Ordinance No. 9436,	1214 lamps
Mantle lamps (ten year)	Contract No. 5803,	2896 lamps

The progress made by the Welsbach Street Lighting Co. of America in erecting additional lamps under Contract No. 5803 after September 1st, 1900, until the end of the fiscal year April 1st, 1901, is shown in Exhibit 7, A.

The Contracts No. 5598 and No. 5803 contained a provision authorizing the acceptance by the City of any lamps that might be erected in accordance with the provisions of the respective contract on any street not at the time lighted under an existing contract before the date fixed when all the lamps should be lighted. There was no lighting done under this provision by the contractor holding Contract No. 5598, but all the lighting by the contractor holding Contract No. 5803, from September 1st, 1900, to January 1st, 1901, was done by virtue of this provision.

The work of the Department during the fiscal year, is classified and tabulated in the following exhibits.

EXHIBIT I.

WORK UNDERGROUND.

COMPANY.	Trench Feet.	Duct. Feet.	Lateral Feet.	Miles of Cable.
Bell Telephone Co. of Missouri, and American Telephone and Telegraph Co. of Missouri	1,950	13,850	1,135	1.020
Kinloch Telephone Co	2,000	12,000	1,415	1.929
Missouri Edison Electric Co	.....	.....	3,430	5.587
Phœnix Light, Heat and Power Co	.....	.....	1,035	6.148
The Edison Electric Illuminating Co. of Carondelet	875	12,350	3,080	1.466
Imperial Electric Light, Heat and Power Co	135	228	11,936	11.455
The Seckner Contracting Co	54,710	102,015	11,770	11.281
The National Subway Co. of Missouri	2	4	775	.564
St. Louis Refrigerating and Cold Storage Co	6,545	18,275	1,230	.....
	66,217	158,722	35,806	39.450

EXHIBIT II.

GRAND TOTAL OF WORK UNDERGROUND FROM THE COMMENCEMENT, MARCH 5TH, 1897, TO APRIL 1ST, 1901.

COMPANY.	Trench Feet.	Duct. Feet.	Lateral Feet.	Miles of Cable.
Bell Telephone Co. of Missouri, and American Telephone and Telegraph Co. of Missouri	117,005	614,745	22,826	32.698
Kinloch Telephone Co	74,035	481,545	36,510	83.806
Missouri-Edison Electric Co	142,100	656,050	83,572	101.496
Phœnix Light, Heat and Power Co	91,280	200,410	7,130	14.601
Laclede Gas Light Co	.....	.....	1,450	.318
The Edison Electric Illuminating Co. of Carondelet	97,725	310,295	22,862	17.857
Imperial Electric Light, Heat and Power Co	73,560	338,653	37,766	38.937
The Seckner Contracting Co	54,710	102,015	11,770	11.281
The National Subway Co. of Missouri	3,107	6,214	870	.564
St. Louis Refrigerating and Cold Storage Co	6,545	18,275	1,230	.....
St. Louis Electric Light and Power Co	1,040	5,440	.....	.....
Citizens' Electric Light and Power Co	82,590	493,865	.....	.....
Cupples' Station Light, Heat and Power Co	3,410	23,730	115	.....
St. Louis Transit Co	4,250	82,298	300	7.359
Fire and Police Telegraph Department	400,170	449,215	15,772	40.352
	1,151,527	3,842,750	242,173	349.268

EXHIBIT III.

GAS CONSUMED IN PUBLIC BUILDINGS FOR ILLUMINATING.

DISTRICT NO. 1.

	Cubic Feet.	Amount.
Police stations	16,100	$16 10
Water Department, North	20,200	20 20
Total	36,300	$36 30

DISTRICT NO. 2.

	Cubic Feet.	Amoun
Police Stations	79,700	$79 70
Court House (Fire Alarm Office)	1,400	1 40
Total	81,100	$81 10

CARONDELET DISTRICT.

	Area Lighted Sq. Ft.	Cubic Feet.	Amount.
Police Stations	5,624	307,500	$307 50
Fire Department	10,783	549,400	549 40
House of Refuge	96,475	3,649,200	3,649 20
Work House	18,307	943,600	943 60
Carondelet Market	2,584	56,200	56 20
Total	133,773	5,505,900	$5,505 90

EXHIBIT IV.

GAS CONSUMED IN PUBLIC BUILDINGS FOR FUEL.

BILLS VERIFIED BUT NOT PAID FROM FUNDS OF THIS DEPARTMENT.

	Cubic Feet.	Amount.
Fire Department	144,500	$143 58
Health Department, City Hall	57,200	57 20
Police Station, Grand and Lafayette Avenues	800	80
Milk Inspector's Office, City Hall	1,400	1 40
City Chemist's Office, No. 1141 Market street	61,900	49 52
Temporary City Hospital	1,454,500	1,454 50
Police Station, Seventh and Carr Streets	70,400	56 32
Matron's Room, Four Courts	104,100	83 28
City Building, No. 2322 Clark Avenue	4,800	4 00
Police Department, Blacksmith Shop	200	16
House of Refuge	351,700	281 36
Total	2,251,500	$2,132 12

EXHIBIT V.

HOURS OF LIGHTING REQUIRED ON STREETS, ALLEYS, PARKS AND PUBLIC PLACES, AS SPECIFIED ON TIME CARDS ISSUED MONTHLY.

	Electric Lighting.	Electric and Mantle Lighting.	Gas and Welsbach Lighting.	Additional Lighting during Moonlight Period.		Park Lighting by Welsbach Lamps.
				Carondelet Gas Light Company.	Welsbach Street Lighting Co. of America.	
1900.	Hours.	Hours.	H. M.	H. M.	H. M.	H. M.
April	308.2		190 35	62 30		
May	285.8		184 00	28 25	20 25	148 03
June	259.4		170 20	54 20	28 20	133 18
July	272.0		181 00	35 40	34 05	136 45
August	300 1		199 55	16 10	6 20	151 21
September		326.1	218 30	23 05	4 55	168 54
October		375.1	251 20	27 15	7 40	198 03
November		396.9	262 55	43 05	30 40	208 54
December		429.7	270 25	74 55	34 55	221 12
1901.						
January		422.4	259 10	58 50	38 15	210 24
February		356.5	227 50	68 45	73 45	174 48
March		353.9	206 25	88 30	84 40	176 00
Totals	1,425 5	2,660 6	2,632 25	581 30	384 00	1,927 42

EXHIBIT VI.

WEATHER.

	Before 12, Midnight.			After 12, Midnight.		
	Clear.	Part Cloudy.	Cloudy.	Clear.	Part Cloudy.	Cloudy.
1900.						
April	17	5	8	15	6	9
May	19	3	9	18	2	11
June	19	3	8	13	5	12
July	20	5	6	20	5	6
August	25	2	4	23	5	3
September	22	3	5	20	1	9
October	24	2	5	22	5	4
November	16	6	8	15	6	9
December	17	3	11	21	2	8
1901.						
January	19	2	10	19	3	9
February	18	2	8	14	3	11
March	11	2	18	13	2	16
Totals	227	38	100	213	45	107

In the aggregate the above table shows for the year as follows:—

Whole nights, clear 60.8%

" " part cloudy 11.4%

" " cloudy 28.3%

EXHIBIT VII.

LIGHTING STREETS, ALLEYS, PARKS AND PUBLIC PLACES.

	Arc Lamps.	Incandescent Lamps.	Mantle Lamps.	Welsbach Lamps.	Gas Lamps.
1900.					
April	2,614	4,060		234	1,214
May	2,600	4,059		234	1,214
June	2,604	4,085		234	1,214
July	2,604	4,079		234	1,214
August	2,604	4,079		234	1,214
September	873	536	3,714	234	1,214
October	932	698	5,359	234	1,214
November	932	710	10,509	234	1,214
December	932	710	11,836	234	1,214
1901.					
January	935	728	11,894	234	1,214
February	942	728	11,920	234	1,214
March	944	728	11,945	234	1,214

EXHIBIT VII.—A.

LAMPS, ADDED UNDER CONTRACT No. 5803.

	1900.		1901.				
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mch.
1	2,896	0	163	132	2	1	1
2	53	0	175	0	0	0	2
3	0	0	42	291	1	0	0
4	83	0	0	149	1	0	0
5	65	0	46	65	3	0	0
6	13	0	0	134	0	0	0
7	67	0	0	8	2	1	0
8	28	0	0	0	6	2	0
9	12	0	0	0	0	0	0
10	47	83	593	21	0	0	0
11	65	115	0	25	9	0	0
12	83	95	0	15	0	4	0
13	19	133	437	2	0	3	0
14	0	0	149	61	10	0	1
15	194	92	337	115	0	7	6
16	0	102	295	0	1	8	5
17	61	65	349	14	0	0	0
18	11	69	0	130	0	2	0
19	2	70	309	35	0	4	1
20	13	0	331	9	0	1	0
21	1	0	255	39	5	0	0
22	0	44	311	43	4	2	0
23	0	145	198	0	0	0	0
24	0	108	157	12	0	0	0
25	0	127	0	0	10	0	1
26	0	87	270	1	0	0	0
27	0	101	240	5	0	0	1
28	1	0	238	2	0	0	3
29	0	48	0	6	3	.....	0
30	0	77	246	0	1	.....	4
31	.....	90	.....	14	0	.....	0
	3,714	1,646	5,171	1,328	58	35	25

EXHIBIT VIII.

DISTRIBUTION OF LIGHTS ON STREETS, ALLEYS, PARKS AND PUBLIC PLACES IN EACH WARD AND NUMBER OF MILES OF STREETS AND ALLEYS LIGHTED.

APRIL 1ST, 1901.

WARDS.	Arc Lamps.	Incandescent Lamps	Mantle Lamps on Streets.	Mantle Lamps in Parks.	Additional Mantle Lamps Ordered.	Miles Streets Lighted by Arc Lamps.	Miles Alleys Lighted by Incandescent Lamps.	Miles Roadway Lighted by Mantle Lamps.	Gas Lamps.	Miles Streets Lighted by Gas Lamps.	Welsbach Lamps on Streets.	Welsbach Lamps in Parks.	Miles Streets Lighted by Welsbach Lamps.
1	....	.....	717	68	47	.....	.....	30.24	.....	.....	.....	.....	.....
2	80	16	206	.....	1	11.98	.79	7.65	.....	.....	.....	.....	.....
3	90	107	.....	.....	.....	10.69	4.54	.....	.....	.....	.....	.....	.....
4	156	115	.....	.....	.....	14.31	4 89	.....	.....	.....	.....	.....	.....
5	117	85	.....	.....	.....	11.36	8.63	.....	.....	.....	.....	....	.....
6	98	59	99	.....	1	9.67	3 52	4.00	.....	.....	.....	.....	.....
7	47	34	167	.....	1	5.62	1.62	6 67	.....	.....	.....	.....	.....
8	41	26	173	.....	....	5 22	1.50	7.12	.....	.....	.....	.....	.....
9	42	16	351	31	3	8.97	1.49	15.85	.....	.....	.....	.....	.....
10	.....	.....	689	.....	17	.....	.....	25 70	285	7.50	.....	11	.....
11	.....	.....	86	.....	.....	.....	.....	1.31	929	89.06	134	57	4.02
12	.....	.....	758	.....	18	.....	.....	29 75	.....	.....	.....	.....	.....
13	18	4	445	60	1	1.22	.17	19 81	.....	.....	.....	.....	.....
14	83	72	60	.....	.....	7.50	5.40	2.56	....	.....	.....	.....	.....
15	74	85	....	.....	.....	8 40	3.29	.....	.....	.....	....	.....	.....
16	69	88	42	.....	....	7.04	4.09	1.69	.....	.....	.....	.....	.....
17	.....	.....	240	.....	....	.....	.....	13 87	.....	.....	.....	.....	.....
18	.....	.....	352	29	.....	.....	.....	15.53	.....	.....	.....	.....	.....
19	.....	.....	538	32	3	....	....	22 77	.....	.....	.....	.....	.....
20	8	.....	380	.....	.....	.45	....	15 38	.....	.....	.....	.....	.....
21	.....	.....	470	..	.....	.....	.....	18.34	.....	.....	.....	.....	.....
22	25	21	305	.....	.....	2.61	.90	12.45	.....	....	.....	.....	.....
23	1	.....	502	.....	10	.11	.....	19.57	.....	.. ..	.....	.....	....
24	.....	.....	1371	.....	88	....	.....	51.24	.....	.....	32	.....	.87
25	....	.....	632	.....	25	.....	.....	24.05	.....	.....	.....	.....	.....
26	....	....	577	.....	8	.....	....	22 95	.....	....	.....	.....	.....
27	.....	....	796	.....	30	.....	....	27.94	.....	.....	.....	.....	.....
28	....	.....	1448	321	69	.....	.....	63.09	.....	.....	.....	.....	.....
Total.	944	728	11404	541	318	100 15	33 83	458.98	1214	37 56	166	68	4.89

EXHIBIT IX.

LIGHTING PUBLIC BUILDINGS BY ELECTRICITY, APRIL 1ST, 1901.

	Arc.	Incandescent.
Court House	..	557
City Hall, Eleventh and Chestnut Streets	..	217
Four Courts	2	538
Police Stations, North	..	255
Police Stations, South	5	455
Insane Asylum	..	401
Female Hospital	..	305
Poor House	..	411
Morgue	..	43
Fire Department, North	..	347
Fire Department, South	..	487
City Hall, Washington Square	..	1736
City Building, 2322 Clark Avenue	..	34
Water Department, North	..	620
Water Department, South	..	14
Union Market	21	21
Public Buildings in Forest Park	..	32
Jailer's Quarters	..	23
Temporary City Hospital	..	297
Harbor and Wharf Department	..	8
Total	28	6801

RECAPITULATION.

	Arc.	Incandescent.
District No. 1	21	1248
District No. 2	7	5553
Total	28	6801

EXHIBIT X.

COMPLAINTS OF THE FAILURES AND IRREGULARITIES OF LIGHTS ON STREETS, ALLEYS, PARKS AND PUBLIC PLACES.

Company.	Reported by.	Number.	Total.
Missouri-Edison Electric Company. Arc.	Lighting Department	2285	
	Police Department	3061	
	Miscellaneous	101	5447
Missouri-Edison Electric Company. Incandescent.	Lighting Department	440	
	Police Department	520	
	Miscellaneous	46	1006
Laclede Gas Light Company. Incandescent.	Lighting Department	1480	
	Police Department	545	
	Miscellaneous	105	2130
The Seckner Contracting Company. Arc.	Lighting Department	3120	
	Police Department	1747	
	Miscellaneous	344	5211
The Seckner Contracting Company. Incandescent.	Lighting Department	1616	
	Police Department	540	
	Miscellaneous	76	2232
Welsbach Street Lighting Co. of America. Mantle.	Lighting Department	2170	
	Police Department	3972	
	Miscellaneous	72	6214
Carondelet Gas Light Company. Gas.	Lighting Department	12	
	Police Department	6	
	Miscellaneous	1	19
Welsbach Street Lighting Co. of America. Welsbach.	Lighting Department	28	
	Police Department	122	
	Miscellaneous	1	151
	Total		22410

EXHIBIT XI.

COMPLAINTS OF THE CONDITION OF LIGHTS ON STREETS, ALLEYS, PARKS AND PUBLIC PLACES.

COMPANY.	COMPLAINT.	Number.	Total.
Missouri-Edison Electric Company. Arc.	Broken and no globes	2	
	Lamps out of order	43	
	Lamps fallen down	27	72
Missouri-Edison Electric Company. Incandescent.	Dim lights	5	
	Needing repair	3	8
Laclede Gas Light Company. Incandescent.	Dim lights	13	
	Needing repair	22	35
The Seckner Contracting Company. Arc.	Dim Lights	9	
	Needing repair	17	
	Lamps fallen down	26	52
The Seckner Contracting Company. Incandescent.	Dim lights		
	Needing repair	1	1
Welsbach Street Lighting Company of America. Mantle.	Need cleaning	100	
	Dim lights	4296	
	Needing repair	1583	5979
Carondelet Gas Light Company. Gas.	Need cleaning	536	
	Needing repair	431	967
Welsbach Street Lighting Company of America. Welsbach.	Dim lights	14	
	Needing repair	31	45
	Total		7159

EXHIBIT XII.

DEDUCTION IN LAMP DAYS AND HOURS UNDER THE SEVERAL CONTRACTS.

Contract 2176, Missouri-Edison Electric Co.....Arc.....4062.4 days.
Contract 2178, Missouri-Edison Electric Co.....Arc.....8956.2 days.
Contract 5531, Laclede Gas Light Co.....Incan.....47626.3 hours.
Contract 5531, Laclede Gas Light Co.....Incan.....269 days.
Contract 5532, Missouri-Edison Electric Co.....Arc.....13491.0 hours.
Contract 5532, Missouri-Edison Electric Co.....Arc.....15 days.
Contract 5533, Missouri-Edison Electric Co.....Arc.....12621.0 hours.
Contract 5533, Missouri-Edison Electric Co.....Arc.....11 days.
Contract 5533, Missouri-Edison Electric Co.....Incan.....25619.0 hours.
Contract 5533, Missouri-Edison Electric Co.....Incan.....5 days.
Contract 5534, Laclede Gas Light Co.....(Meters).
Contract 5535, Missouri-Edison Electric Co.....(Meters).
Contract 5537, Welsbach St. Lighting Co., of America.....Welsbach.....1032.5 hours.
Contract 5598, The Seckner Contracting Co.....Arc.....45062.9 hours.
Contract 5598, The Seckner Contracting Co.....Arc.....11 days.
Contract 5598, The Seckner Contracting Co.....Incan.....17249.4 hours.
Contract 5598, The Seckner Contracting Co.....Incan.....24 days.
Contract 5803, Welsbach St. Lighting Co., of America.....Mantle.....87477.9 hours.
Contract 5803, Welsbach St. Lighting Co., of America.....Mantle.....210 days.
Contract 5859, Welsbach St. Lighting Co., of America.....Welsbach.....429.0 hours.
Ord. No. 9456, Carondelet Gas Light Co.....Gas.....46.9 days.

EXHIBIT XIII.

COMPLAINTS OF THE FAILURES AND IRREGULARITIES OF LIGHTS IN PUBLIC BUILDINGS.

	District No. 1.	District No. 2.
Lamps burned out	1874	12507
Lamps broken	225	555
Sockets out of order	30	199
Switches out of order	18	62
Converters out of order	5	11
Wires out of order	92	88
Arc lights out of order	50	62
Fuse burned out	53	328
Total	2347	13812

EXHIBIT XIV.

LIGHTING PUBLIC BUILDINGS BY ELECTRICITY.

DISTRICT NO. 1, UNDER CONTRACT 5534.

Building.	Lamps.	Watt Hours.	Actual Cost.	Area Lighted, Sq. Feet.	Cost per Lamp.	Cost per 100 Sq. Feet Lighted.
Police Stations	255	37,598,100	$4,511 77	51394	$ 17 69	$ 8 77
Fire Department	347	33,949,750	4,073 25	109985	11 73	3 70
Water Department	620	121,210,350	14,545 25	155753	23 46	9 33
Union Market	21 I 21 A	4,312,150 I 23,720,000 A	3,363 88	62160	24 64 I 135 52 A	5 41

EXHIBIT XIV.— *Continued.*

DISTRICT NO. 2, UNDER CONTRACT 5535.

Building.	Lamps.	Watt Hours.	Actual Cost.	Area Lighted Sq. Feet.	Cost per Lamp.	Cost per 100 Sq. Feet Lighted.
Court House	557	42,029,700	$5,463 84	90616	$ 9 80	$ 6 02
Old City Hall	217	21,241,000	2,761 35	88098	12 72	3 13
Four Courts	538 I 2 A	75,849,300	9,860 41	91414	18 32 I	10 44 I
Police Stations	455 I 5 A	49,656,350	6,455 31	91236	14 18 I	7 07 I
Insane Asylum	401	41,706,400	5,421 86	187287	13 52	2 89
Female Hospital	305	33,305,600	4,329 74	47753	14 19	9 06
Poor House	411	41,219,600	5,358 54	140199	13 03	3 82
Morgue	43	3,285,350	427 10	6761	18 56	6 31
Fire Department	487	42,623,500	5,541 06	121085	11 37	4 58
New City Hall	1736	67,432,800	8,766 25	337550	5 04	2 59
City Building, Clark Avenue	34	2,225,200	289 28	8468	8 50	3 40
Public Buildings in Forest Park	82	3,350,800	435 63	28960	13 61	1 50
Water Department	14	951,200	123 68	3519	8 83	3 51
Jailer's Quarters	23	4,476,400	581 94	8299	18 53	7 01
Temporary City Hospital	297	38,328,400	7,582 70	97184	25 53	7 80
Harbor and Wharf Department, Levee Office	8	400	05	1300	..	.....

NORTHERN DISTRICT (NO. 1), UNDER CONTRACT 2178. (APRIL, 1900.)

	Actual Cost.
Police Stations	$ 4 18
Fire Department	16 85
Water Department	110 85
Union Market	82 55

SOUTHERN DISTRICT (No. 2), UNDER CONTRACT 2176. (APRIL, 1900.)

	Actual Cost.
Court House	$ 4 18
Four Courts	16 80
Police Stations	21 03
Insane Asylum	6 16
Female Hospital	12 82
Fire Department	8 38

EXHIBIT XV.

COMPLAINTS RELATIVE TO POLES AND WIRES, ETC.

Poles broken and down, wood	140
Poles broken and down, iron	8
Poles an obstruction	160
Poles moved	84
Poles charged and burning	70
Wires down, electric light and power	631
Wires down, telephone and telegraph	770
Wires down, trolley, feed, span and guard	340
Wires moved	94
Wires in bad condition	293
Wires crossed and burning	242
Induction on telephone lines	10
Depressions in sidewalks	202
Depressions in streets	77
Manholes below grade	18
Manhole covers off and broken	39
Burn-outs in manholes	5

Old gas posts broken	6
Gas escaping	64
Mantle lamp posts broken	44
Mantle lamp posts an obstruction	88
Inspection of private fire alarm wires	97
Converters burned out	2
Signs attached to poles	5
Miscellaneous	230
Total	8719

EXHIBIT XVI.

WIRE APPLICATIONS AND PERMITS.

	APPLICATION.				PERMIT.
	Number.	Issued.	Filed.	Pending.	Miles of Wire Strung.
ELECTRIC LIGHT AND POWER COMPANIES.					
Missouri-Edison Electric Company	1,047	935	109	3	77 98
Laclede Gas Light Company	14	12	2	.....	6.98
The Edison Electric Illuminating Co. of Carondelet	43	42	1	.....	12 07
The Seckner Contracting Company	757	642	115	.....	195.67
Total	1,861	1,631	227	3	292.65
STREET RAILROAD COMPANIES.					
St. Louis Transit Company	81	80	1	.....	102.29
MISCELLANEOUS	99	97	2	.....	29 76

EXHIBIT XVII.

POLE APPLICATIONS AND PERMITS.

	Application.				Permit.				
	Number.	Issued.	Filed.	Pending.	Set.	Reset.	Replaced.	Location Changed.	Removed.
ELECTRIC LIGHT AND POWER COMPANIES:									
Missouri-Edison Electric Co	59	50	9	..	228	..	23	....	24
Laclede Gas Light Co	2	1	1	..	.....	..	....	....	....
The Edison Electric Illuminating Co. of Carondelet	46	36	8	2	135	6	20	1	11
The Seckner Contracting Co. (wooden poles)	326	257	65	1	1,662	..	39	3	9
The Seckner Contracting Co. (iron poles)	52	51	1	..	631	..	..	1	....
Carondelet Electric Light and Power Co	1	1	..	..	.....	..	..	1	....
Total	486	396	84	3	2,656	6	82	6	44
TELEPHONE AND TELEGRAPH COMPANIES:									
Bell Telephone Co. of Missouri	71	64	7	..	288	..	39	....	72
Kinloch Telephone Co	68	51	17	..	231	..	6	....	22
Western Union Telegraph Co	13	11	2	..	36	..	3	....	12
Total	152	126	26	..	555	..	48	....	106
STREET RAILROAD COMPANIES:									
St. Louis Transit Co	26	26	..	..	468	..	8	....	2
St. Louis and Suburban Railway Co	7	7	..	..	213	2	4	....	4
Total	33	33	....	....	681	2	12	....	6
Kern Incandescent Gas Light Co	1	1	....	....	79	..	..	....	....
Welsbach Street Lighting Co. of America	76	76	....	....	11,765	..	..	....	....
Total	77	77	....	....	11,844	..	..	..	....

EXHIBIT XVIII.

EXTENT OF POLE LINES ALONG STREETS AND ALLEYS FOR ELECTRIC LIGHT, POWER, TELEGRAPH AND TELEPHONE PURPOSES.

APRIL 1ST, 1901.

American Telephone and Telegraph Company of Missouri.	Bell Telephone Company of Missouri.	Kinloch Telephone Company.	Western Union Telegraph Company.	Postal Telegraph Cable Company.	Missouri-Edison Electric Company.	Laclede Gaslight Company.	The Edison Electric Illuminating Co. of Carondelet.	The Seckner Contracting Company.	Carondelet Electric Light and Power Co.	Fire and Police Telegraph Department.
Miles of Pole Lines along Streets.										
7.991	187.572	138.412	22.114	10.037	191.289	82.586	4.800	20.614	4.415	80.292
Miles of Pole Lines along Alleys.										
.....	17.276	23.366	0.132	0.095	54.943	43.496	1.329	10.743	.....	1.973
Number of Poles along Streets.										
425	8522	5697	1254	335	10090	4510	295	1090	278	3403
Number of Poles along Alleys.										
.....	903	2417	12	6	2331	1906	71	579	.....	86

EXHIBIT XIX.

EXTENT OF STREET RAILROADS OPERATED BY ELECTRICITY SUPPLIED BY OVERHEAD WIRES, APRIL 1st, 1901.

COMPANY.	Miles of Streets Occupied by Railway Tracks.	Miles of Tracks Operated.	Miles of Trolley Wire.	Miles of Tracks Used Jointly With Other Roads.	Number of Poles.
St. Louis Transit Co:					
Baden & St. Louis Division	3.342	6.684	6.684		266
Benton-Bellefontaine Division	9.823	13.926	13.926	0.911 using Lindell Ry. tracks. 1.458 used by Grand Av. Ry. 1.117 used by Mound City Ry.	832
Cass Av. & Fair Grounds Division	8.229	14.280	14.280	1.041 used by Citizens Ry.	903
Citizen's Railway Division	11.187	18.018	18 018	2.147 used by Grand Avenue Ry. 1 041 using Cass Avenue & Fair Ground Ry. tracks.	1024
Clayton & Forest Park Division	1.269	2 538	2.538		65
Compton Heights, Union Depot & Merchants' Terminal Division	9.039	15.900	15 900	2.841 using Lindell Ry. tracks. 1.716 using Union Depot Ry. tracks.	557
Central Traction Company	6.464	12.928	12 928		639
Delmar Av. & Clayton Division	0.937	1.874	1 874	0.227 using Lindell Ry. tracks.	98
Florissant Av. Railway Division	0.758	0.758	0.758		32
Forest Park, Laclede & Fourth St. Division	5 695	9 113	9 113	3 239 using Missouri Railroad tracks.	251

EXHIBIT XIX—*Continued.*

COMPANY.	Miles of streets Occupied by Railway Tracks.	Miles of Tracks Operated.	Miles of Trolley Wire.	Miles of Tracks Used Jointly With Other Roads.	Number of Poles.
Fourth St. & Arsenal Division—Constructed but not operated.....	4.238	5.473	5.473	2.367 using People's Ry. tracks.	419
Grand Av. Railway Division.....	9.359	17.356	17.356	1.212 using Mound City Ry. tracks. 0.341 using Benton-Bellefontaine Ry. tracks. 2.147 using Citizens Ry. tracks. 0.606 using Lindell Ry. tracks. 1.647 using People's Ry. tracks. 3.977 using Union Depot Railroad tracks.	416
Jefferson Av. Railway Division	3.428	6.856	6.856		333
Kingshighway Railway Division.....	2.312	4.624	4.624		242
Lindell Railway Division.	22.552	42.045	42.045	2.632 used by Compton Heights, Union Depot & Merchants' Terminal Ry. 0.844 used by Benton-Bellefontaine Ry. 0.606 used by Grand Av. Ry. 1.609 used by Taylor Av. Ry.	1820
Missouri Railroad Division.....	12.958	21.472	21.472	1.809 used by Forest Park, Laclede & Fourth Street Ry.	1624
Mound City Railway Division	6.609	9.147	9.147	0.824 using Union Depot Railroad tracks.	527
Northern Central Railway Division..	6.545	10.316	10.316	1.212 used by Grand Av. Ry. 1.039 using Union Ry. tracks.	615
People's Railway Division	5.303	9.545	9.545	2.367 used by Fourth Street & Arsenal Ry. 1.647 used by Grand Av. Ry. 0.331 used by St. Louis & Suburban Ry.	373
Southern Electric Railway Division.....	12.184	20.484	20.484	1.089 using Cass Av. & Fair Grounds Ry. tracks. 0.320 using Northern Central Ry. tracks. 0.615 using Union Depot R. R. tracks. 0.057 using Missouri R.R. tracks.	881
St. Louis Railroad Division.	7.206	14.412	14.412	0.265 used by Union Depot Railroad. 0.226 used by Southern Electric Ry.	681
Southwestern Railway Division.....	5.871	9.564	9.564	2.178 using Cass Av. & Fair Grounds Ry. tracks.	557
Taylor Avenue Railway Division.....	4.602	9.204	9.204	1.609 using Lindell Ry. tracks. 0.246 used by St. Louis-Meramec River Ry.	419
Union Railway Division..	7.079	10.695	10.695	1.032 using Northern Central Ry. tracks.	634
Union Depot Railway Division	30.616	49.157	49.157	1.629 using Compton Heights, Union Depot & Merchants' Terminal tracks. 0.151 using Lindell Ry. tracks. 0.151 using Union Ry. tracks. 0.265 using St. Louis Railroad tracks. 0.776 used by Southern Electric Ry. 0.861 used by Mound City Ry. 3.977 used by Grand Av. Ry.	3068
Vandeventer Av. Railway Division.....	2.841	5.682	5.682		169
Mound City Transfer Co.	.....	.....	.....	....	6
St. Louis & Suburban Railway.....	11.820	21.720	21.720	0.104 using Union Depot R. R. tracks. 0.229 using Southern Electric Ry. tracks. 0.006 using St. Louis Railroad tracks. 0.331 using People's Ry. tracks. 0.123 using Union Ry. tracks.	714
St. Louis & Meramec River Railroad.....	7.518	14.355	14.355	0.246 using Taylor Av. tracks.	505
Total operated by Electricity.....	209.886	361.896	361.896		18690
Constructed but not operated...	4.233	5.473	5.473		
Authorized but not constructed.....	60.932				

EXHIBIT XX.

ACCIDENTS REPORTED TO THIS DEPARTMENT.

Killed by contact with wires	4 persons.
Killed by contact with wires	9 animals.
Shocked by contact with wires	27 persons.
Shocked by contact with wires	8 animals.
Killed by falling from poles	1 person.
Asphyxiated by illuminating gas	3 persons.
Fell into excavations	2 horses.
Injured by manholes	2 horses.

EXHIBIT XXI.

FIRES.

During the year 1,280 alarms of fire were received, of which 217 were responded to by officers of this Department.

Fires, cause attributed to electric wires	22
Fires, cause attributed to gas	37
Fires, cause attributed to gasoline	178

EXHIBIT XXII.

PRIVATE LAMPS ON STREETS.

Arc lights	848
Incandescent lights	3,855
Gas lights	947
Total	5,650

EXHIBIT XXIII.

FINANCIAL.

Gas Light. — For gas for public street lamps, lighting, extinguishing, cleaning, repairing and moving lamps in the Carondelet Company's District, forty-four thousand, nine hundred, eighteen dollars.

Streets, amount expended		$44,913 30
Carondelet Gas Light Company, received	$44,913 30	

Welsbach Lamps, Maintaining. — For furnishing, maintaining and operating lamps, six thousand, one hundred, sixty-nine dollars, thirty-five cents.

Streets, amount expended		$4,565 20
Carondelet Park, amount expended		1,029 18
Laclede Park, amount expended		214 32
South St. Louis Square, amount expended		77 94
		$5,886 59
Welsbach Street Lighting Company of America, received	$5,886 59	

Electric Light. — For lighting streets, alleys, parks and public places, two hundred and six thousand, seven hundred, twenty-six dollars, forty-seven cents.

Streets, amount expended		$163,981 45
Alleys, amount expended		23,894 01
Parks, amount expended		3,529 02
		$191,404 48
Contract 2176, Arc, Missouri-Edison Electric Co. rec'd,	$8,400 81	
Contract 2178, Arc, Missouri-Edison Electric Co. rec'd,	7,512 38	
Contract 5531, Inc., Laclede Gas Light Co. received	16,166 63	
Contract 5532, Arc, Missouri-Edison Electric Co. rec'd,	38,491 32	
Contract 5533, Arc, Missouri-Edison Electric Co. rec'd,	43,675 57	
Contract 5533, Inc., Missouri-Edison Electric Co. rec'd,	14,463 84	
Contract 5598, Arc, The Seckner Contracting Co. rec'd,	54,547 95	
Contract 5598, Inc., The Seckner Contracting Co. rec'd,	8,147 48	
	$191,404 48	

For salaries of Supervisors, Clerks, Inspectors and Draughtsmen, twenty thousand, one hundred, twenty-five dollars.

Salaries, amount expended.....$20,024 16

For expenses, furniture, printing and stationery and incidental expenses connected with the supervision of city lighting, five thousand dollars.

Electrical apparatus	$ 720 28
Furniture	51 65
Office expenses	750 83
Printing and stationery	947 30
Draughting material and instruments	255 71
Keeping Horses, etc	1,440 00
Hire of Horses, etc	20 00
Material and labor	143 12
Miscellaneous	514 50
	$4,842 89

Incandescent Mant'e Lamps. — For furnishing, maintaining and operating lamps, one hundred, sixty-six thousand, six hundred dollars, sixty-five cents.

Streets, amount expended.....$156,113 83

Welsbach Street Lighting Co. of America received....$156,113 83

Lighting Public Buildings. — For lighting public buildings, ninety-seven thousand, seventy-six dollars, fourteen cents.

	Electric.	Gas.	Total.
Court House	$ 5,194 83	$ 1 40	$ 5,196 23
City Hall, Eleventh and Chestnut	2,623 27	.....	2,623 27
Four Courts	9,384 19	.....	9,384 19
Police Stations	10,443 94	403 30	10,847 24
Insane Asylum	5,156 92	.....	5,156 92
Female Hospital	4,125 58	.....	4,125 58
Poor House	5,090 62	.....	5,090 62
Morgue	405 74	.....	405 74
Fire Department	9,158 84	549 40	9,708 24
City Hall, Washington Square	8,327 94	.....	8,327 94
City Building No. 2322 Clark avenue	274 82	.....	274 82
Public Buildings in Forest Park	413 85	.....	413 85
Water Department, South	117 50	.....	117 50
Jailer's Quarters	552 85	.....	552 85
Temporary City Hospita	7,203 56	.....	7,203 56
Harbor and Wharf Department, Levee Office	05	.....	05
Water Department, North	13,928 83	20 20	13,949 03
Union Market	3,278 22	.....	3,278 22
House of Refuge	.....	3,649 20	3,649 20
Work House	.....	943 60	943 60
Carondelet Market	.....	56 20	56 20
	$85,681 55	$5,623 30	$91,304 85

Contract 2176, Arc, Missouri-Edison Electric Co. rec'd,	$68 87
Cont act 2178, Arc, Missouri-Edison Electric Co. rec'd,	214 43
Contract 5534, Inc., Laclede Gas Light Co. received,	25,169 44
Contract 5535, Inc., Missouri-Edison Electric Co. rec'd,	60,228 81
Gas, Laclede Gas Light Company received	117 40
Gas, Carondelet Gas Light Company received	5,505 90
	$91,304 85

RECAPITULATION.

	Appropriation.	Expense.	Balance.
Gas Light	$44,918 00	$44,913 30	$4 70
Welsbach lamps maintaining	6,169 35	5,886 59	282 76
Electric light	206,776 47	191,404 48	15,371 99
Salaries	20,125 00	20,024 16	100 84
Expense	5,000 00	4,842 89	157 11
Incandescent mantle lamps	166,600 65	156,113 83	10,486 82
Lighting public buildings	97,076 14	91,304 85	5,771 29
	$546,665 61	$514,490 10	$32,175 51

GUARANTEE FUNDS.

Contract 2176, Missouri-Edison Electric Co. (expired April 30th, 1900)	$25,000 00
Contract 2178, Missouri-Edison Electric Co. (expired April 30th, 19 0)	25,000 00
Contract 5531, Laclede Gas Light Co. (expired September 1st, 1900)	1,245 81
Contract 5532, Missouri-Edison Electric Co. (expired September 1st, 1900)	2,025 86
Contract 5533, Missouri-Edison Electric Co. (expired September 1st, 1900)	3,415 21
Contract 5534, Laclede Gas Light Co	1,518 13
Contract 5535, Missouri-Edison Electric Co	3,735 54
Contract 5537, Welsbach Street Lighting Co. of America (expired February 16th, 1901)	298 51
Contract 5598, The Seckner Contracting Co	3,299 75
Contract 5803, Welsbach Street Lighting Co. of America	8,216 53
Contract 5859, Welsbach Street Lighting Co. of America	48 43

GUARANTEE FUNDS PAID.

1900.		
May 11th,	Contract 2176, Missouri-Edison Electric Co	$25,000 00
May 11th,	Contract 2178, Missouri-Edison Electric Co	25,000 00
Sept. 18th,	Contract 5531, Laclede Gas Light Co	1,245 81
Sept. 18th,	Contract 5532, Missouri-Edison Electric Co	2,025 86
Sept. 18th,	Contract 5533, Missouri-Edison Electric Co	3,415 21
1901.		
March 8th,	Contract 5537, Welsbach St. Lighting Co. of America.	298 51
		$56,985 39

DEDUCTIONS UNDER THE SEVERAL CONTRACTS.

Contract 2176, Missouri-Edison Electric Co	Arc	$822 41
Contract 2178, Missouri-Edison Electric Co	Arc	802 48
Contract 5531, Laclede Gas Light Co	Incan	277 97
Contract 5532, Missouri-Edison Electric Co	Arc	409 28
Contract 5533, Missouri-Edison Electric Co	Arc	381 63
Contract 5533, Missouri-Edison Electric Co	Incan	147 61
Contract 5534, Laclede Gas Light Co	(Meters)	.....
Contract 5535, Missouri-Edison Electric Co	(Meters)	.....
Contract 5537, Welsbach St. Lighting Co. of America	Welsbach	9 81
Contract 5598, The Seckner Contracting Co	Arc	1074 45
Contract 5598, The Seckner Contracting Co	Incan	84 07
Contract 5803, Welsbach St. Lighting Co. of America	Mantle	612 53
Contract 5859, Welsbach St. Lighting Co. of America	Welsbach	4 72
Ord. No. 9456, Carondelet Gas Light Co	Gas	4 74
		$4631 65

PRICES PAID FOR LIGHTING.

COMPANY.	Contract No.	Arc Lights per 1000 Hours.	Thirty C. P. Incandescent per 1000 Hours.	Mantle Lamps per 1000 Hours.	Electric Power per 1000 Watt hrs. for Buildings.
Laclede Gas Light Company	5534	.....	.....	.....	$ 0 19
Missouri-Edison Electric Company	5535	.....	.....	.....	0 13
The Seckner Contracting Company	5598	$23 77	$4 79	.....	.....
Welsbach Street Lighting Company of America	5803	.....	.....	$ 6 81	.....
Welsbach Street Lighting Company of America	5859	.....	.....	11 60	.....

COMPANY.	On Streets, 14 C. P. per Lamp per Year.	Illuminating per 1000 Cubic ft.	Fuel per 1000 Cubic ft.
Carondelet Gas Light Company	$37 00	$1 00	$ 0 80
Laclede Gas Light Company	.....	1 00	0 80

ACTUAL COST OF LIGHTING FOR PAST TWELVE YEARS.

STREETS, ALLEYS, PARKS AND PUBLIC PLACES.

Fiscal year ending April 7, 1890	$308,768 57
" " " " 13, 1891	206,156 53
" " " " 11, 1892	213,525 76
" " " " 10, 1893	223,500 02
" " " " 9, 1894	239,005 63
" " " " 8, 1895	254,809 31
" " " " 13, 1896	269,986 36
" " " " 12, 1897	267,157 45
" " " " 11, 1898	305,877 97
" " " " 10, 1899	320,029 13
" " " " 9, 1900	321,911 41
" " " " 8, 1901	416,080 95

PUBLIC BUILDINGS.

Fiscal year ending April 7, 1890	$32,514 12
" " " " 13, 1891	46,204 12
" " " " 11, 1892	44,186 45
" " " " 10, 1893	45,792 82
" " " " 9, 1894	48,305 79
" " " " 8, 1895	51,910 05
" " " " 13, 1896	58,120 80
" " " " 12, 1897	58,623 80
" " " " 11, 1898	63,532 60
" " " " 10, 1899	66,992 04
" " " " 9, 1900	72,891 31
" " " " 8, 1901	95,799 49

ESTIMATE FOR FISCAL YEAR 1901–1902.

LIGHTING STREETS, ALLEYS, PARKS AND PUBLIC PLACES.

For electric light	$107,487 24
For incandescent mantle lamps	370,315 22
For gas light in Carondelet Gas Light Company's district	48,692 00
For Welsbach lamps, maintaining	8,509 60
For salaries of Supervisor of City Lighting, clerks, inspectors and draughtsman	23,500 00
For expenses, furniture, printing and stationery and incidental expenses connected with the supervision of city lighting	6,500 00
Aggregating	$565,004 06

LIGHTING PUBLIC BUILDINGS.

For lighting public buildings	$95,500 00
For wiring	24,000 00
For lamps	5,200 00
Aggregating	$124,700 00

In conclusion it is my pleasure to again thank the Police, Fire, Street, Fire and Police Telegraph and other Departments, for the valued assistance rendered the City Lighting Department on every occasion when required.

Very respectfully,

A. J. O'REILLY,
Supervisor of City Lighting.

ANNUAL REPORT

OF THE

SUPERVISOR OF PLUMBING,

For the Fiscal Year ending April 8, 1901.

PLUMBING INSPECTION DEPARTMENT,
CITY HALL, May 15th, 1901.

Hiram Phillips, Esq., President Board of Public Improvements:

SIR — I have the honor to present herewith my annual report, for the fiscal year ending April 8th, 1901.

OFFICE EXPENSES.

Furniture, printing and stationery, keeping and shoeing horse, repairing vehicle and harness	$499 85

PAY ROLL.

Supervisor, clerk, inspectors, bookkeeper and messenger.	9,539 88
	$10,039 73

Amount of deposits withdrawn from the City Treasurer as per the following vouchers, viz.:—

July 31, 1900.	Thomas Chalcraft	$10 00	
Sept. 5, 1900.	J. W. Flesh	1 00	
" 5, 1900.	Wm. S. Purcell	7 00	
" 12, 1900.	James T. Walsh	8 00	
" 27, 1900.	Patrick Madden	7 00	
Oct. 2, 1900.	John J. Gaffney	2 00	
Jany. 18, 1901.	Charlton & Hambleton	6 00	
Mch. 4, 1901.	Joseph L. Ehrhardt	4 00	
Mch. 4, 1901.	John Nealon	1 00	
Mch. 23, 1901.	J. P. Carroll & Co	5 00	
			$51 00

Number of permits approved for water connections	2,147
Number of permits approved for sewer connections	1,294
Number of inspections made during the year for which charge has been made	6,131
Number of plans approved and filed for plumbing and house drains	2,088
Number of permits approved for water pipe and sewer repairs	2,034
Number of plumbers who have given bond and are licensed to do plumbing	225
Number of drainlayers who have given bond and are licensed to do drainlaying	265
Number of practical plumbers given workman's certificates	276
Number of practical drainlayers given workman's certificates	184

Respectfully submitted,

JOHN GRENZEBACH,
Supervisor of Plumbing.

ANNUAL REPORT

OF THE

STREET COMMISSIONER,

For the Fiscal Year ending April 8, 1901.

OFFICE OF THE STREET COMMISSIONER,
ST. LOUIS, MO., April 9th, 1901.

To the Honorable Board of Public Improvements:

GENTLEMEN — I have the honor to submit herewith the following report of the operations of the Street Department for the fiscal year ending April 8th, 1901.

EXPENDITURES DURING FISCAL YEAR, 1900–1901, NEW WORK.

Construction of streets and alleys	$13,560 10
Reconstruction of streets and alleys	625 29
Total amount certified for new work	$14,185 89

CURRENT AND MISCELLANEOUS EXPENSES.

Street Commissioner's Department	$72,702 17	
Street Repairs — Miscellaneous expenses	69,187 70	
Street repairs — Macadam and other material	51,710 57	
Street repairs — Salaries	44,768 17	
Street repairs — Reconstructed streets	37,109 54	
Street cleaning — Labor and carts	56,983 80	
Street cleaning — Stone and wood blocks and asphalt pavements	63,731 59	
Street cleaning — Block system	11,998 50	
Street Bridges and Culverts — Miscellaneous and repairs	34,050 88	
Street grades and surveys	7,499 63	
Fund for numbering houses	1,000 00	
Sprinkling streets	169,638 92	
Streets — Special and temporary service	46,235 91	
Total amount certified for current and miscellaneous expenses		666,612 38
Total amount certified during the year		$680,797 77

WORK DONE BY WORKHOUSE CONVICTS IN GRADING STREETS, ALLEYS AND CITY PROPERTY DURING THE YEAR 1900-1901.

STREETS.

	Cu. Yds.
Kosciusko st. from Keokuk st. to Cherokee st	1,900
Ninth st. from Malt st. to Kansas st	14,750
Grand av. from Chippewa st. to Miami st	7,500
Grand av. from Keokuk st. to Chippewa st	19,800
Michigan av. from Neosho st. to Dakota st	560
Texas av. from Utah st. to Wyoming st	500
Iowa av. from Magnolia av. to Sidney st	4,500
Sidney st. from Virginia av. to Louisiana av	1,700
Sidney st. from California av. to Arkansas av	4,600
Grand av. from Meramec st. to Alberta st	2,200
Compton av. from Wyoming st. to Juniata st	1,400
Sidney st. from Ohio av. to California av	5,700
Minnesota av. from Magnolia av. to Lynch st	3,200
Compton av. from Arsenal st. to Pestalozzi st	3,500
Koeln av, from Eighth st. westwardly	950
Michigan av. from Winnebago st. to Chippewa st	1,600
Eugene av. from Koeln av. to Blow st	5,200
Minnesota av. from Neosho st. to Dakota st	5,100
Minnesota av. from Neosho st. to Osceola st	2,700
Louisiana av. from Keokuk st. to Chippewa st	2,300
Minnesota av. from Wyoming st. to Gravois av	10,300
Louisana av. from Meramec st. to Chippewa st	2,500
Wyoming st. from Lemp av. to Thirteenth st	1,100
Total	103,560

ALLEYS.

	Cu. Yds.
Alley in city block No. 4160	550
Alley in city block No. 2566 (east and west)	540
Alley in city block No. 1587 (east and west)	700
Alley in city block No. 1504	6,800
Alley in city block No. 1509	4,300
Alley in city block No. 2594	2,400
Alley in city block No. 1531	2,100
	17,390

CITY PROPERTY.

	Cu. Yds.
House of Refuge grounds	13,700
Carondelet Park	4,800
	18,500

GRAND TOTAL.

	Cu. Yds.
Streets	103,560
Alleys	17,390
City property	18,500
	139,450

I have the honor to invite attention to the accompanying reports of Mr. W. O. Hemenway, Assistant Street Commissioner; Mr. James C. Travilla, Office Superintendent; Mr. Carl Gayler, Bridge Engineer, Mr. Allen Trail, in charge of Special Tax Repairs; Mr. O. F. Sessinghaus, Superintendent of Excavations; Mr. Louis Becker, Superintendent of Sprinkling, and Mr. A. S. Ferguson, in charge of Testing Laboratory.

Respectfully submitted,

CHAS. VARRELMANN,
Street Commissioner.

ANNUAL REPORT OF REPAIRING AND CLEANING STREETS.

OFFICE OF THE ASSISTANT STREET COMMISSIONER,
ST. LOUIS, April 8th, 1901.

Hon. Chas. Varrelmann, Street Commissioner:

DEAR SIR — I herewith have the honor to report the operations of this branch of the Street Department for the fiscal year ending April 8th, 1901, as follows:

The disbursements for repairs and cleaning of streets during the fiscal year 1900–1901, amounted to $202,770.98 for repairs, and $132,713.89 for cleaning streets; a grand total of $335,484.87.

GRANITE PAVEMENT.

Paved up to date, 53.48 miles, equal to 110,395.32 squares (including railroad tracks), an increase of 3.12 miles, or 6,367.07 squares. The City maintains 92,281.01 squares, while the Street Railroad Companies take care of 18,114.31 squares, as provided by Ordinances. Granite repairs during the year amounted to 3,266.35 squares at a cost of $12,085.52, equal to $3.70 per square of 100 superficial feet.

ASPHALT PAVEMENT.

Introduced as a street pavement in 1883, the total length to-day is 12.15 miles or 27,523.02 squares, of which the City maintains 10,685.19 squares, the Railroad Companies 4,780.95 squares, while 12,056.88 squares are maintained by contract at an annual cost or $6,061.44.

The Barber Asphalt Paving Co. maintain 9,277.97 squares at 50 cents per square, per annum, the contract for which expires in the year 1903. This company also maintain 1,750.75 squares at 40 cents per square, per annum, contract expiring in November, 1909.

The Gilsonite Roofing & Paving Co. maintain 451.46 squares at 45 cents per square, per annum, and 576.70 squares at 90 cents for the same period of time. Contracts expire in 1903 and 1904 respectively.

The surface repaired by the City during the fiscal year just expired amounts to 1,665.49 squares, at a cost of $8,933.73, or $5.36 per square of 100 superficial feet.

WOOD PAVEMENT.

Total mileage to date 5.83 miles, or 11,417.29 squares, a decrease of 0.97 miles, due to reconstruction with asphalt and brick. The City maintains 9,586.27 squares; the railroad companies, 1,831.02 squares.

Expended for repairs, $1,418.57 for 284 squares, an average of $4.99 per square of 100 superficial feet.

BRICK AND BRICKBLOCK PAVEMENT.

Improved during the fiscal year just ended, 3.63 miles, making a total of 16.79 miles, equal to 34,217.33 squares.

Maintained by the City 28,308.23 squares; by the railroad companies, 5,909.10 squares.

413 squares were repaired at a cost of $2,106.30, or $5.10 per square of 100 superficial feet.

TELFORD PAVEMENT.

84.11 miles of streets are paved with this kind of pavement, an increase of 2.06 miles over last report.

NOVACULITE PAVEMENT.

7.78 miles of streets are paved with this kind of pavement, an increase of 8.15 miles over last report.

MACADAM PAVEMENT.

Mileage April, 1900, 263.19 miles; April, 1901, 259.69 miles, a decrease of 3.50 miles, due to reconstruction with other material.

LIMESTONE BLOCKS.

The use of this material was discontinued in 1878.
The following streets remain paved, equal 0.67 miles: —
Belmont street from Fifteenth street to Sixteenth street.
Fourteenth street from Park avenue to Carroll street.
Mason street from Hickory street to Rutger street.
Montrose avenue from Manchester avenue to Clark avenue.
St. Anthony street from Broadway to Sixth street.
St. Joseph street from Broadway to Sixth street.
St. Charles street from Twenty-first street to Twenty-second street.
Targee street from Market street to Poplar street.

ALLEYS.

Granite 8.09 miles; increase 0.35 miles.
Granitoid 1.06 miles; no increase.
Asphalt 0.03 miles; no increase.
Brick 24.26 miles; increase 5.93 miles.
Brick block 0.37 miles; no increase.
Limestone blocks 79.05 miles; decrease 1.52 miles.
All alley repairs are paid by a special tax, levied on the abutting property.

CURBS AND GUTTERS.

Old limestone curbs and gutters are badly worn, the stone split and fractured; their destruction being largely due to failure to withstand wet and frost. On paved streets 6-inch granite curbing or a granitoid combination curb and gutter three feet wide on a bed of eight inches of cinders, are now the only material used.

CROSSWALKS.

Crosswalks on streets constructed with macadam and telford, which were heretofore constructed with limestone blocks, are now constructed with vitrified brick on a concrete base, and give excellent satisfaction.

CLEANING PAVED STREETS BY CONTRACT.

Granite 53.48 miles. Asphalt 12.15 miles. Wood 5.83 miles. Brick 16.79 miles. Total 88.25 miles were cleaned by contract which was held by the Metropolitan Improvement Co. Expended during the fiscal year $52,140.86, which includes the amount of $9,433.06, being the five per cent retained during the life of the contract, which expired March 1, 1901.

BLOCK PATROL SYSTEM.

This system of cleaning the down town reconstructed streets had to be discontinued in the month of August, 1900, on account of insufficient appropriation. Amount expended $11,998.50.

CLEANING MACADAM AND TELFORD STREETS.

Expended $56,983.80.

Macadam and limestone streets, 259.69 miles. Telford 84.11 miles. Total, 343.80 miles. Average cost per mile, $165.74. This low average, as compared against previous years, explains itself, when it is understood that on August 15, 1900, all work on the streets had to be stopped on account of insufficient appropriation, and cleaning was not resumed until the last month of the fiscal year, when an appropriation of $12,000.00 had been made for this purpose.

Cleanings removed from streets, 69,281 loads of 11 cubic feet = 28,225.18 cubic yards. Cleanings removed from alleys, 15,648 loads of 11 cubic feet = 6,374.10 cubic yards. Total, 84,929 loads of 11 cubic feet = 34,599.28 cubic yards; averaging $0.67 per load.

Area of constructed and reconstructed streets by squares:—

Maintained by City. Granite, 92,281.01. Wood, 9,586.27. Brick, 28,808.23. Asphalt 10,685.19.
Maintained by contract. Asphalt, 12,056.88.
Maintained by railroad. Granite, 18,114.31. Wood, 1,831.02. Brick, 5,909.10. Asphalt 4,780.95.
Total = Granite, 110,395.32. Wood, 11,417.29. Brick, 34,217.33. Asphalt, 27,523.02.

UNIMPROVED STREETS AND ALLEYS.

First District	174.88	miles of streets.	78.10	miles of alleys.
Second District	167.80	" "	28.64	" "
Third District	47.74	" "	45.53	" "
Fourth District	46.04	" "	51.80	" "
Total	436.46	miles of street.	204.07	miles of alleys.

Very respectfully,

W. O. HEMENWAY.
Assistant Street Commissioner.

OFFICE OF THE OFFICE SUPERINTENDENT,
ST. LOUIS, MO., April 8th, 1901.

Hon. Charles Varrelmann, Street Commissioner:

DEAR SIR — I herewith respectfully submit a report of some of the field and office work performed by the employes of the Engineering and Drafting Division during the fiscal year ending April 8th, 1901: —

STREET AND ALLEY OPENINGS.

Surveys were made and maps constructed of which tracings were delivered to the City Counselor, for the opening and widening of the following streets and alleys: —

STREETS.

Ordinance No. 17496 — Opening Fyler avenue from Morganford road to Leamington boulevard.
Ordinance No. 19,533 — Opening Ninth street from Eichelberger street to Kansas street.
Ordinance No. 19,544 — Widening Kingshighway from Eichelberger street to Gravois avenue.
Ordinance No. 19,823 — Opening Keokuk street from Marine avenue to Grand avenue.
Ordinance No. 19,937 — Opening Bradley avenue from Watson road to Jamieson avenue.
Ordinance No. 19,964 — Opening Algernon street from Warne avenue to College avenue.
Ordinance No. 19,982 — Opening Itaska street from Compton avenue to Virginia avenue.
Ordinance No. 19,983 — Widening St. Louis avenue from Spring avenue to Prairie avenue.
Ordinance No. 19,990 — Widening Broadway from Bissell street to Grand avenue.

ALLEYS.

Ordinance No. 19,929 — Opening alleys in city block No. 1517.
Ordinance No. 19,930 — Opening alleys in city block No. 1518.
Ordinance No. 19,934 — Opening alley in city block No. 2966.
Ordinance No. 19,935 — Opening alley in city block No. 2983.
Ordinance No. 19,936 — Opening alley in city block No. 2166.
Ordinance No. 19,980 — Widening alley in city block No. 1886.
Ordinance No. 19,981 — Widening alley in city block No. 4925.

BENCH MARKS.

The " Bench Marks " as established west of Grand avenue, are now few and far between. The " Precise Bench Marks," as established by the Sewer Department, are frequently several blocks apart. In view of the above facts, it has been considered advisable to establish and re-establish bench marks, where they are most needed for public work. Six hundred and thirteen have been established to date.

GENERAL OFFICE WORK.

Eleven maps of street openings were extended at the request of the Commissioners on street openings.

Sixteen ordinances were drafted, and sketches attached thereto, for the opening and vacation of streets and alleys, by order of the Board of Public Improvements.

Nineteen plats of street and alley openings were entered in the office record.

Thirteen plats of additions, subdivisions and dedications, submitted to the Board of Public Improvements for approval, were returned with the reports applicable thereto.

Thirteen plats of streets, where parties claimed to have been injured by accident in consequence of obstructed or dangerous condition of the same, and had brought suit for damages against the City on account thereof, were constructed from actual surveys.

Three plats of obstructed streets and alleys were submitted to the Board of Public Improvements for action.

Two hundred and thirty-seven plats for proposed street and alley construction, reconstruction and opening, were made for consideration at public hearings. Eighty-five plans of street railroad special work, submitted to the Board of Public Improvements for approval, were returned with reports applicable thereto.

SPECIAL WORK.

The following special work was completed during the year: —

Tracings of the official map east of Grand avenue.

Tracings of the sprinkling districts.

Grade atlas, in which all of the grades are entered, and the ordinance numbers authorizing the same.

Street Railway Atlas, showing all street railway tracks authorized by ordinance.

The Field Maps, Field Books, and other records have been indexed on small maps of the city. This method of indexing has been found valuable, in that it gives notice at once of any information in the office relating to surveys, etc.

The greatest need of this division is accurate district maps of the city west of Grand avenue. Such maps should show all recorded information, and any field notes that may be obtained. Four maps of this character were made, and I will endeavor to have such maps added, as time will allow, without interfering with the routine work.

Respectfully submitted,

JAS. C. TRAVILLA, *Office Superintendent.*

OFFICE OF THE BRIDGE ENGINEER.
ST. LOUIS, April 12th, 1901.

Hon. Chas. Varrelmann, Street Commissioner:

DEAR SIR — I respectfully submit the following statement of work done on street bridges and culverts during the fiscal year ending April 8th, 1901: —

NEW WORK.

In this fiscal year, as also in the fiscal year 1899 to 1900, no new work was done, no funds having been appropriated.

REPAIR WORK.

The money appropriated for repairs of bridges and culverts, in all $30,000.00, was expended as follows: —

For painting, labor and material	$1,800 00	
For repair work, labor		$15,100 00
For material		13,100 00
Total		$28,200 00

The rebuilding of the Twelfth Street bridge was completed last fall. This work had been going on for several years and consisted in new concrete foundations; an extension of the south abutment, and in replacing the wooden portion of the bridge and part of the old iron work by steel bents, girders, floorbeams, etc., the labor being done by the regular repair force and the materials furnished through the office of the Commissioner of Supplies. A renewal of the railing of this bridge has also been commenced.

Part of the floor system of the Eighteenth Street bridge was rebuilt, and material for additional reconstruction purchased. During the progress of this work a rather startling degree of deterioration of the ironwork, caused by the smoke of the engines, was ascertained. It is the intention to protect the under side of a portion of the Eighteenth Street Bridge by a wooden ceiling similar to the one built on the Twenty-first Street bridge near Scott avenue.

Twenty-first Street bridge, with its uncompleted approaches, is still a pathetic example of "the law's delay."

A very small amount of painting was done for lack of sufficient appropriation; in fact, for a number of years this important part of maintenance had to be neglected.

The usual repairs were made all over the extended city limits on the numerous smaller bridges and culverts.

The St. Louis Transit Co. has laid a substantial floor on the Chouteau Avenue bridge over the St. Louis and San Francisco R. R. tracks, but aside from this no steps were taken towards building a new bridge, although, as you are aware, the present bridge was condemned as unsafe several years ago.

OFFICE WORK.

Work in the office consisted chiefly in keeping up the records, designing changes and reconstructions of existing bridges, and preparing plans for a new Chouteau Avenue bridge, Kingshighway viaduct, etc.

Respectfully submitted,

CARL GAYLER,
Bridge Engineer.

OFFICE OF THE STREET COMMISSIONER.
ST. LOUIS, April 9th, 1901.

Hon. Chas. Varrelmann, Street Commissioner:

SIR — I have the honor to submit the following report of the operations of the Division of Special Tax Repairs of the Street Department for the fiscal year, ending April 8th, 1901.

Official notices were sent to property owners or their agents to repair brick sidewalks, as follows: —

First District	134
Second "	293
Third "	351
Fourth "	83

To repair with artificial stone flagging	594
To repair alleys	112
To contractors to repair brick sidewalks	574
Permits issued to repair granitoid sidewalks	136

Sidewalks of artificial stone flagging have been constructed as follows: —

	Sq Ft.
By property owners under permits	53,751
By City Contractor	75,479

Alleys have been repaired aggregating 21,562 square feet.

Brick sidewalks have been repaired as follows: —

	Sq. Yds.
By property owners	14,590
By annual contractors	3,614

In addition to the foregoing, all police reports on defective sidewalks and alleys, together with all miscellaneous correspondence pertaining to same, have received prompt and careful attention.

Very respectfully,
Your obedient servant,

ALLEN TRAIL,
In Charge Special Tax Repairs.

EXCAVATION DIVISION.
STREET DEPARTMENT.

Hon. Chas. Varrelmann, Street Commissioner:

DEAR SIR — I herewith report the following as the transactions of the Department for the year just ending: —

This office issued 6,933 ordinary permits. Twenty-four annual permits to the Laclede Gas Co. to excavate in macadam and unimproved streets. One annual emergency permit for improved streets; and three permits to put in "Dead Men" guy-posts.

During the year various amounts have been deposited with the City Treasurer to the credit of this Department by plumbers, drainlayers, contractors and conduit companies, amounting at the present time to $34,770.00.

Respectfully submitted.

O. F. SESSINGHAUS,
In Charge of Excavation Division.

OFFICE OF THE SUPERINTENDENT OF SPRINKLING.
ST. LOUIS, April 8th, 1901.

Hon. Chas. Varrelmann, Street Commissioner:

DEAR SIR — I respectfully submit the following as my annual report for the fiscal year ending April 8th, 1901: —

The number of miles contracted for was 489.69, at a total cost of $172,234.00.
Average cost — $351.72 per mile.

Deductions by Superintendent	$1,849 52
" for streets withdrawn	1,281 56
" " fire plugs	3,019 60
Total deduction	$6,150 68
Net amount paid to contractors	$166,083 32

Considerable dissatisfaction was expressed during the winter on account of the dust, owing to the lack of the usual appropriation for temporary sprinkling.

Respectfully submitted,

LOUIS BECKER,
Supt. of Sprinkling.

OFFICE OF THE TESTING LABORATORY.
ST. LOUIS, April 18th, 1901.

Hon. Chas. Varrelmann, Street Commissioner:

DEAR SIR — I herewith submit the accompanying tables showing the amount of cement, the number of tests and the average results; also the results and the number of tests of brick made at this laboratory for the Street Department during the year ending April 8th, 1901.

Very respectfully submitted,

A. S. FERGUSON,
In Charge of Testing Laboratory.

PORTLAND CEMENT TESTS.

BRIQUETTES ONE DAY IN AIR AND SIX DAYS IN WATER.

Brand.	Samples.		Average.	
	Barrels.	Tested.	Tensile strength.	Fineness on No. 100 sieve.
Phoenix	100	34	895	95%
Universal	30	10	874	95 "
Iola	100	34	858	92 "
Medusa	277	93	822	90 "
Nazareth	220	74	820	96 "
Alpha	782	199	810	93 "
Atlas	2,079	662	809	90 "
Vulcanite	620	207	806	92 "
Lehigh	424	142	791	92 "
Saylors	1,348	450	728	97 "
Wolverine	351	117	720	94 "
Alsens	225	75	718	89 "
Diamond	461	86	716	95 "
Peerless	60	20	686	95 "
Dragon	219	73	681	93 "
Marquette	225	70	669	96 "
Castalia	761	257	681	96 "
Clover Leaf	25	8	572	96 "
Jasson	90	30	562	93 "
Total	8,397	2,641		

LOUISVILLE AND UTICA CEMENTS.

BRIQUETTES 1 DAY IN AIR AND 6 DAYS IN WATER.

Brand.	Number of Barrels.	Number of Sacks.	Samples Tested.	AVERAGE. Tensile Strength	AVERAGE. Fineness on No 50 Sieve.
Crown Louisville	.....	870	155	259	84 %
Hulme "	.....	1,870	187	257	85 "
Diamond "	.....	700	70	240	85 "
Banner "	.....	6,800	680	227	96 "
Utica J. Clark	.....	4,430	443	226	87 "
Speed Louisville	.....	29,481	2,928	219	88 "
Diamond "	60	.....	20	186	81 "
Arm and Hammer Louisville	.....	200	20	164	88 "
Best Four	.....	1,000	100	161	88 "
Globe	.....	300	30	156	88 "
Total	60	45,601	4,633	....	....

PORTLAND CEMENT, TESTED WITH SAND.

ALL BRIQUETTES 1 DAY IN AIR, BALANCE OF TIME IN WATER.

BRAND.	Samples Tested.	Parts Cement.	Used Sand.	Age, Days.	Average Tensile Strength.
Phœnix	10	1	3	28	544 Lbs.
Peerless	30	1	3	28	525 "
Vulcanite	30	1	3	28	495 "
Dragon	20	1	3	28	487 "
Alsens	10	1	3	28	478 "
Medusa	20	1	3	28	476 "
Nazareth	10	1	3	28	476 "
Castalia	40	1	3	28	457 "
Lehigh	30	1	3	28	449 "
White Hall	18	1	3	28	449 "
Alpha	20	1	3	28	428 "
Wolverine	30	1	3	28	423 "
Atlas	40	1	3	28	392 "
Saylors	24	1	3	28	369 "
Marquette	30	1	3	28	362 "
Clover Leaf	8	1	3	28	348 "
Jasson	10	1	3	28	319 "
Total	380	.....	.....	.....	.....

PAVING BRICK TESTS.

MANUFACTURE.	No. of Tests Made.	Average. Per Cent. Loss by Impact and Abrasion.	Average. Crossbreaking Stress. (Modulus of Rupture.)
Purington P. B. Co.	4	18.38	3,160 lbs.
Alton P. B. Co.	3	19.16	2,070 "
Springfield P. B. Co.	2	23.99	1,810 "
Poston Block	1	24.20	1,800 "
St. Louis P. B. Co.	45	24 24	2,610 "
Brazil, Indiana	6	24.24	2,220 "
Terre Haute P. B. Co.	9	24.98	2,550 "
Total	70	....	.....

SUMMARY.

Material Tested.	Barrels.	Sacks.	Number of Tests Made.
Neat Cement	8,457	.....	2,661
" "	.....	45,601	4,613
Cement with Sand	....	.....	380
Paving Brick	.....	.....	70
Paving Brick—Experimental	.....	.....	18
Total	8,457	45,601	7,742

Tables Accompanying Report of the Street Commissioner.

Table No. 1. — Showing construction of streets during the fiscal year 1900–1901.

Table No. 2. — Showing construction of alleys during the fiscal year 1900–1901.

RECONSTRUCTION OF STREETS AND ALLEYS.

Table No. 3. — Showing reconstruction of streets during the fiscal year 1900–1901.

Table No. 4. — Showing reconstruction of alleys during the fiscal year 1900–1901.

MISCELLANEOUS.

Table No. 5. — Statement of the length and cost of improvement of streets with granite, asphalt, wood and brick since 1869.

Table No. 6. — Statement of the length and cost of improvement and reconstruction of alleys with granite, vitrified brick and granitoid since 1884.

Table No. 7. — Mileage of improved and unimproved streets and alleys April 1st, 1901.

Table No. 8. — Length and character of street and alley improvements from April 1st, 1900, to April 1st, 1901.

Table No. 9. — Statement of the number of squares of improved and reconstructed streets April 1st, 1901.

Table No. 10. — Statement of macadam and gravel delivered during the fiscal year 1900–1901.

Table No. 11. — Statement of street sprinkling for the term ending November 30th, 1900.

Table No. 12. — Statement of streets maintained by contract.

Table No. 13. — Statement of work done in numbering houses during the fiscal year 1900–1901.

Table No. 14. — Statement of mileage of street car tracks in the City of St. Louis, April 1st, 1901.

Table No. 15. — General information.

TABLE NO. 1.

CONSTRUCTION OF STREETS DURING THE FISCAL YEAR 1900-1901.

STREET.	LOCATION.	MATERIAL.	Width of Roadway feet.	Paid by City.	Paid by Property Owners.	Total cost of work.	Cost per front foot.
Arkansas av....	Betw. Magnolia av. and Shenandoah av.....	Gra't'd curb & gutter, Telford pav., gra't'd alley entrances	36	$ 117 60	$ 4021 90	$ 4139 50	$2 39
LaSalle st.....	Betw. Jefferson av. and Ewing av.....	" " " Novaculite paving.....	35 & 30	.....	8634 59	8634 59	2 67
Vandeventer av.	Betw. Magnolia av. and Botanical av.....	" " " Telford pav., gra't'd alley entrances	36	.....	2185 29	2185 29	2 27
Papin st.....	Betw. Manchester av. and Boyle av.....	" " " Novaculite pav., gra't'd alley entr...	36	755 18	10341 94	11097 12	3 01
Euclid av.....	From Fountain av. southwardly to the n. l. of right of way of St. Louis & Suburban Ry.....	" " " Vitr. brick paving on 6 in. concrete..	51	.....	2589 85	2589 85	5 20
Labadie av.....	Betw. Marcus av. and Euclid av.....	" " " Novaculite pav., gra't'd alley entr...	36	200 82	7307 40	7508 22	2 46
Cottage av.....	Betw. Vandeventer av. and Warne av.....	" " " Telford paving.....	36	.....	2782 56	2782 56	1 99
Rutger st.....	Betw. Grand av. and Spring av.....	" " " Vitr. brick paving on 6 in. concrete..	30	381 66	5963 28	6344 94	3 24
Garfield av.....	Betw. Pendleton av. and Taylor av.....	" " " Telford pav., gra't'd alley entrances	30	.....	5387 30	5387 30	1 92
Cherokee av....	Betw. Nebraska av. and Gravois av.....	" " " Vitr. brick paving on 6 in. concrete..	36	44 28	10266 89	10311 17	2 65
Page boul.....	Betw. Pendleton av. and Taylor av.....	" " " Vitr. brick paving on 6 in. concrete..	45	.....	17600 91	17600 91	5 17
Ninth st.....	Betw. Sidney st. and Victor st.....	6 in. granite curb, Vitr. brick paving on 6 in. concrete.....	36	7 23	2227 67	2234 90	3 35
Garrison court..	From Garrison av. eastwardly as far as open.....	Gra't'd curb & gutter, Telford paving.....	24	.....	821 36	821 36	1 54
Oregon av.....	Betw. Cherokee st. and Utah st.....	" " " Novaculite pav., gra't'd alley entr...	36	.....	8336 08	8336 08	2 81
Sarah st.....	Betw. West Belle pl. and Easton av.....	6 in. granite curb, Vitr. brick on 6 in. concrete	36	435 63	10869 39	11305 02	3 25
Euclid av.....	From Forest Park boul. s'w'dly to a point about 134 ft. s. of s. l. of Audubon av. running E. of Euclid av..	6 in. granite curb, Vitr. brick on 6 in. concrete.....	36	195 05	4622 01	4817 06	2 94
Flad av.....	Betw. Vandeventer av. and Tower Grove av.....	Gra't'd curb & gutter, Novaculite pav., gra't'd alley entr..	36	247 63	16141 41	16389 04	2 73
Ferry st.....	Betw. Fourteenth st. and Twentieth st.....	" " " Novaculite pav., gra't'd alley entr...	36	1110 98	5615 35	6726 33	3 62
Iowa av.....	Betw. Magnolia av. and Sidney st.....	" " " Telford paving.....	36	.....	3778 16	3778 16	2 26
Bayard av.....	Betw. n. l. of right of way of St. Louis & Suburban Ry. and Easton av.....	" " " Vitr. brick paving on 6 in. concrete..	36	612 93	17832 75	18445 68	4 03
Whittier st.....	Betw. Lindell boul. and Olive st	" " " Vitr. brick paving on 6 in. concrete..	36	60 38	7925 61	7985 99	3 32
				$4169 37	$150261 70	$154431 07	

TABLE NO. 2.

CONSTRUCTION OF ALLEYS DURING THE FISCAL YEAR 1900-1901.

ALLEY IN CITY BLOCK.	LOCATION.	MATERIAL.	Width of Impt. Feet.	Paid by City.	Paid by Property Owners.	Total Cost of Work.	Cost Per Front Foot.
Alley in block 3906	From Boyle av. to Newstead av. between Laclede av. and West Pine Boul	Vitrified brick on 6-inch concrete	20 feet.		$ 3,151 56	$ 3,151 56	$ 1 53
N. and S. alley in block 1320	From Gever av. northwardly to E. and W. alley in said block between Texas av. and Ohio av.	" " " " "	16 "		1,175 77	1,175 77	1 29
Alley in block 1380	From Ohio av. to California av. and between Shenandoah av. and Armand st	" " " " "	15 "		1,471 23	1,471 23	1 23
Alleys " 1356	Between Oregon av., Nebraska av., Accomac st. and Russell av	" " " " "	20 "	$ 120 78	2,689 73	2,810 51	1 69
" " 1516	Betw. Ohio av., Iowa av., Utah st. and Wyoming st.	" " " " "	20 "	156 69	2,562 78	2,719 47	1 64
Alley " 1823	From Josephine st. to California av. and between Hickory st. and LaSalle st.	" " " " "	20 "		613 53	613 53	1 80
" " 2157 S.	From Compton av. to Virginia av. and between Park av. and Vista av.	" " " " "	12 "		605 94	605 94	0 96
N. and S. alley in block 1512	From Utah st. westwardly to E. and W. alley in said block and between California av. and Oregon av.	" " " " "	20 "		1,482 35	1,482 35	1 63
Alley in block 1281	From Louisiana av. to Theresa av. and between St. Vincent av. and Park av.	" " " " "	15 "		1,420 34	1,420 34	1 20
" " 2477	From 20th st. to Emily st. and between Obear av. and John av.	" " " " "	20 "		1,626 43	1,626 43	1 63
" " 2480	From Emily st. to Florissaat av. and between Obear av. and John av.	" " " " "	15 "		1,167 82	1,167 82	1 24
" " 4569	From Newstead av. to Taylor av., and between West Belle Pl. and Fairfax av	" " " " "	15 "		2,210 67	2,210 67	1 22
" " 2476	From 20th st. to Emily st. & betw. John av. & Gano av.	" " " " "	20 "		1,620 06	1,620 06	1 62
" " 2260 E	From 23rd st. to Jefferson av. and between Papin st. and Gratiot st.	" " " " "	15 "		1,020 67	1,020 67	1 25
East ½ of E. & W. alley in block 266	From 12th st. westwardly to N. and S. alley in said block and 102 ft. 6 in. north of and parallel to Franklin av	6-inch granite blocks on 6-in. concrete.	12 ft. 6 in.		424 20	424 20	2 06
Alley in block 1988	From Franklin av. to Bell av. and between Compton av. and Leonard av	Vitrified brick on 6-inch concrete	15 feet.		720 20	720 20	1 22
E. and W. alley in block 3724	From Newstead av. westwardly to N. and S. alley in said block and between Evans av. and Easton av.	" " " " "	20 "		2,461 30	2,461 30	1 68
N. and S. " " 3703	From Garfield av. to N. Market st., and between Newstead av. and Taylor av.	" " " " "	20 "		910 60	910 60	1 70
N. and S. " " 3705	From St. Ferdinand av. to Cottage av., and between Newstead av. and Taylor av.	" " " " "	10 "		473 96	473 96	0 86
Alley in block 2263	From Missouri av. to Jefferson av., and between Hickory st. and LaSalle st.	" " " " "	15 "		1,400 51	1,400 51	1 25
" " 1870	From Spring av. to Prairie av., and between Cote Brilliant av. and Garfield av	" " " " "	15 "		1,296 17	1,296 17	1 23
" " 2113	From Spring av. to Vandeventer av., between Shenandoah av. and Cleveland av.	" " " " "	15 "		1,720 30	1,720 30	1 23

TABLE NO. 2.—*Continued.*

CONSTRUCTION OF ALLEYS DURING THE FISCAL YEAR 1900-1901.

ALLEY IN CITY BLOCK.	LOCATION.	MATERIAL.	Width of Impt. Feet.	Paid by City.	Paid by Property Owners.	Total Cost of Work.	Cost Per Front Foot.
Northern E. & W. alley in block 2331.	From 20th st. to 21st st., and 120 ft. south of and parallel to N. Market st.	Vitrified brick on 6-inch concrete	15 feet.	.....	$ 453 72	$ 453 72	$ 1 32
Alley in block 1871	From Spring av. to Prairie av., and between Garfield av. and N. Market st.	" " " " "	15 "	.....	1,316 38	1,316 38	1 25
Alleys " 1435	Between Compton av., Virginia av., Sidney st. and Shenandoah av.	" " " " "	15 "	.....	1,799 31	1,799 31	1 25
Alley " 2116	From Spring av. to Vandeventer av., and between Cleveland av. and Flad av.	" " " " "	15 "	.....	1,713 94	1,713 94	1 22
" " 2444	From Ferry st. to Bissell st., and between 19th st. and 20th st.	" " " " "	20 "	.....	2,634 91	2,634 91	1 63
" " 3910 N	From Whittier st. to Boyle av., and between Westminster Pl. and Olive st.	" " " " "	20 "	.....	2,080 78	2,080 78	1 62
E. and W. alley in block 1926	From Thompson av. westwardly to N. and S. alley in said block and between Harper st. & Barrett st.	" " " " "	15 "	.....	1,273 05	1,273 05	1 22
N. and S. " " 1926	From Harper st. to Barrett st., and between Thompson av. and Grand av.	" " " " "	15 "	.....	640 29	640 29	1 32
Alley in block 2088	From Victor st. to Shenandoah av., and between Jefferson av. and Texas av.	" " " " "	15 "	.....	992 15	992 15	1 23
" " 4844	From Academy av. to Clarendon av., and between Delmar Boul. and Morgan st.	" " " " "	15 "	.....	2,362 05	2,362 05	1 23
" " 2427	From Penrose st. to Carter av., and between Grove st. and Pleasant st.	" " " " "	15 "	.....	1,347 85	1,347 85	1 25
Southern E. & W. alley in block 3764.	From Euclid av. to Aubert av., and 167 ft. 6 in. north of and parallel to Delmar Boul.	" " " " "	15 "	.....	867 43	867 43	1 25
E. and W. alley in block 3702	From Newstead av. westwardly to N. and S. alley in said block & betw. Cote Brilliante av. & Garfield av	" " " " "	15 "	.....	1,303 93	1,303 93	1 21
E. and W. " " 3703	From Newstead av. westwardly to N. and S. alley in said block and betw. Garfield av. and N. Market st	" " " " "	15 "	.....	1,310 23	1,310 23	1 21
Alley in block 3665	From St. Ferdinand av. to Kennerly av. and between Belle Glade av. and Whittier st	" " " " "	15 "	.....	1,457 28	1,457 28	1 17
Alleys " 3678	Between Whittier st., Goode av., Garfield av. and N. Market st.	" " " " "	15 "	185 55	1,458 73	1,594 28	1 22
E. and W. alley in block 3701	From Newstead av. westwardly to N. and S. alley in said block, & betw. Lucky st. and Cote Brilliante av	" " " " "	15 "	.....	1,320 47	1,320 47	1 22
Alley in block 3664	From Garfield av. to St. Ferdinand av., and between Bell Glade av. and Whittier st.	" " " " "	15 "	.....	1,475 92	1,475 92	1 21
" " 3662	From Lucky st. to Garfield av., and between Sarah st. and Belle Glade av.	" " " " "	15 "	.....	1,293 79	1,293 79	1 22
E. & W. " 1849	From Glasgow av. to Garrison av., and between Madison st. and Magazine st.	" " " " "	15 "	.....	1,377 03	1,377 03	1 18
				$ 413 02	$60,705 36	$61,118 38	

TABLE NO. 8.

RECONSTRUCTION OF STREETS DURING THE FISCAL YEAR 1900-1901.

STREET.	LOCATION.	DESCRIPTION OF WORK.	Width of Roadway	Paid by City.	Paid by Property.	Total Cost of Work.	Cost per Front ft.
Wash st.....	From Fourth street to Sixth street	Six in. granite curb, 6 in. granite blocks on 6 in. concrete..	30	$	$ 6369 25	$ 6369 25	$6 35
Third st.....	From Chouteau avenue to Plum street.....	Six in. granite curb, 6 in. granite blocks on 6 in. concrete..	25½	.....	12877 36	12877 36	5 72
Eighteenth st...	From Chestnut street to Pine street	Six in. granite curb, 6 in. granite blocks on 6 in. concrete..	36	.....	2147 72	2147 72	4 75
Ninth st.....	From Franklin avenue to Biddle street.....	Six in. granite curb, 6 in. granite blocks on 6 in. concrete..	30	.....	10744 94	10744 94	5 45
Sixteenth st.....	From Market street to St. Charles street.....	Six in. granite curb, 6 in. granite blocks on 6 in. concrete..	36	.....	17130 86	17130 86	8 62
Seventh st.....	From Franklin avenue to Biddle street.....	Six in. granite curb, 6 in. granite blocks on 6 in. concrete .	36	.....	12299 56	12299 56	6 11
Manchester av..	From Vandeventer avenue to Chouteau avenue	Renewing and resetting 6 in. limestone curb, 6 in. granite blocks on 6 in. granite.....	42	.....	15131 75	15131 75	4 76
Easton av	From Garrison avenue to Grand avenue.....	Renewing and resetting 4 in. limestone curb, vitrified brick	36	16 50	7775 80	7792 30	1 71
Manchester av..	From Compton avenue to Grand avenue	Six in. granite curb, 6 in. granite blocks on 6 in. concrete..	36	140 23	23591 24	23731 47	6 27
Manchester av..	From center line of north and south alley between blocks Nos. 1720 and 1721 to Compton avenue.....	Six in. granite curb, 6 in. granite blocks on 6 in. concrete..	36	149 88	29188 41	29338 29	6 86
Laclede av.....	From Jefferson avenue to center line of north and south alley between blocks Nos. 1720 and 1721.....	Six in. granite curb, 6 in. granite blocks on 6 in. concrete..	39 to 68	.....	12215 58	12215 58	8 43
Manchester av..	From Grand avenue to Vandeventer avenue	Renewing and resetting 6 in. limestone curb, 6 in. granite blocks on 6 in. concrete	42	335 18	20340 91	20676 09	4 49
Jefferson av	From Market street to Washington avenue.....	Six in. granite curb, 6 in. granite blocks on 6 in. concrete..	36	.....	9925 45	9925 45	4 32
				$ 641 79	$180038 83	$19680 62	

TABLE NO. 4.

RECONSTRUCTION OF ALLEYS DURING THE FISCAL YEAR 1900-1901.

ALLEY IN CITY BLOCK.	LOCATION.	MATERIAL.	Width of Impt.	Paid by City.	Paid by Property Owners.	Total Cost of Work.	Cost Per Front Foot.
Alley in block 662	From Geyer av. southwardly as far as open and between 7th st. and 8th st	Vitrified brick on 6-inch concrete	20 feet.	.....	$ 388 27	$ 388 27	$1 37
E. and W. alley in block 260	From 11th st. eastwardly to N. and S. alley in said block and between Franklin av. and Wash st	" " 6-inch "	12 "	.....	241 80	241 80	0 91
Alley in block 940	From 20th st. to 21st st. and between Morgan st. and Franklin av	" " 6-inch "	19 ft., 10 in.	.....	1,181 70	1,181 70	1 57
" " 894	From 18th st. to 19th st. and between Market st. and Chestnut st.	Vitrified paving block on 6-in. concrete	15 feet.	.....	1,114 04	1,114 04	1 59
E. and W. alley in block 280	From 10th st. to 11th st. and between Olive st. and Locust st	6-inch Granite blocks on 6-inch concrete	15 ft., 6 in.	.....	1,170 25	1,170 25	2 39
" " " 176	From 10th st. to 11th st. and 170 ft. 6 in. south of and parallel to Franklin av	6-inch Granite blocks on 6-inch concrete	15 feet.	.....	1,287 59	1,287 59	2 48
Alley in block 907	From 20th st. to 21st st. and between Olive st. and Locust st	Vitrified brick on 6-inch coecrete	20 "	.....	1,072 29	1,072 29	1 59
" " 569	From 17th st. to 18th st. and between Biddle st. and Division st	" " 6-inch "	10 "	.....	687 73	687 73	0 82
" " 1815	From Ohio av. to Josephine st. and between Lasalle st. and Chouteau av	" " 6-inch "	14 ft. & 15 ft.	.....	1,094 97	1,094 97	1 16
" " 77	From Cedar st. to Plum st. and betw. 3d st. and 4th st.	" " 6-inch "	20 feet.	.....	1,195 52	1,195 52	1 60
Northern E. and W. alley in blk. 2225	From Leonard av. to Channing av. and 120 ft. south of and parallel to Laclede av	" " 6-inch "	15 "	.....	571 33	571 33	1 23
" " " " 2226	From Compton av. to Leonard av. and 120 ft. south of and parallel to Laclede av	" " 6-inch "	15 "	.....	546 22	546 22	1 18
Alley in block 509	From 17th st. to 18th st. and between Pine st. and Olive st	" " 6-inch "	15 "	.....	747 57	747 57	1 15
" " 543	From 17th st. to 18th st. and between Franklin av. and Wash st	" " 6-inch "	20 "	.....	1,159 25	1,159 25	1 54
" " 541	From 16th st. to 17th st. and between Morgan st. and Franklin av	" " 6-inch "	20 "	.....	1,141 11	1,141 11	1 52
N. and S. alley in block 266	From Wash st. southwardly to E. and W. alley in said block, and between 12th st. and High st.	6-inch granite blocks on 6-inch concrete	12 "	.....	846 30	846 30	1 88
Alley in block 1215	From Mallinckrodt st. to Salisbury st. and between 9th st. and 11th st	Vitrified brick on 6-inch concrete	20 "	.....	915 53	915 53	1 57
E. and W. alley in block 2139	From Jefferson av. eastwardly to N. and S. alley and between Lafayette av. and Whitmore pl.	" " 6-inch "	20 "	.....	1,280 63	1,280 63	1 59
Alley in block 620	From Blair av. to 15th st. and between Chambers st. and Madison st.	" " 6-inch "	15 "	.....	714 86	714 86	1 16
" " 631	From Madison st. to Clinton st. and between 13th st. and 14th st.	" " 6-inch "	15 "	.....	552 34	552 34	1 15
" " 641	From Madison st. to Clinton st. and between 12th st. and 13th st.	" " 6-inch "	20 "	.....	788 89	788 89	1 54
" " 975	From Elliot av. to Leffingwell av. and between Dickson st. and Thomas st.	" " 6-inch "	15 "	.....	1,010 14	1,010 14	1 16
E. and W. alley in block 348	From 10th st. to 11th st. and between Brooklyn st. and Tyler st.	" " 6-inch "	10 "	.....	382 39	382 39	0 80
N. and S. " " 176	From Morgan st. to Franklin av. and between 10th st. and 11th st.	6-inch granite block on 6-inch concrete	20 "	.....	1,603 12	1,603 12	2 74
" " " 265	From Franklin av. to Wash st. and between 11th st. and 12th st.	6-inch " " on 6-inch "	12 "	.....	1,133 03	1,133 03	1 72
Alley in block 268	From Carr st. to Biddle st. and between 12th st. and High st.	6-inch " " on 6-inch "	12 "	.....	1,085 82	1,085 82	1 62
					$28,912 69	$28,912 69	

TABLE NO. 5.

STATEMENT OF THE LENGTH AND COST OF IMPROVEMENT AND RECONSTRUCTION OF STREETS WITH GRANITE, ASPHALT, WOOD AND BRICK SINCE 1869.

YEAR.	GRANITE.				ASPHALT.				WOOD.				VITRIFIED BRICK.				TOTAL.				
	Miles.	Squares	Paid by City.	Paid by Property Owner.	Miles.	Squares	Paid by City.	Paid by Property Owners.	Miles.	Squares	Paid by City.	Paid by Property Owners.	Miles.	Squares	Paid by City.	Paid by Property Owners.	Miles.	Squares.	Paid by City.	Paid by Property Owners.	Grand Total.
1869	0.04	87 60	$ 3,504 00														0 04	87.60	$ 3,504 00		$ 3,504 00
1873	0.06	162.56	13,172 75														0.06	162.56	13,172 75		13,172 75
1874	0.23	862.10	36,190 00														0.23	862.10	36,190 90		36,190 90
1876	0.05	260.60		$ 9,329 24													0.05	260.60		$9,329 24	9,329 24
1879	0.05	70.00	2,749 60														0.05	70.00	2,749 60		2,749 60
1880-81	0.58	733.63	26,426 43														0.58	733 63	26,426 43		26,426 43
1881-82	0.37	426.14	19,010 97														0.37	426 14	19,010 97		19,010 97
1882-83	1.92	2,750.79		129,699 74													1 92	2,750.79		129,699 74	129,699 74
1883-84	4.79	7,766.47	6,223 94	401,681 83	2 58	5,167 29		$178,316 05									7.37	12,933.76	6,223 94	579,997 88	586,221 82
1884-85	5.69	8,047.18	11,661 69	441,358 28					1.01	1,949.24	$ 439 68	$71,615 44					6 70	9,996.42	12,101 37	516,003 72	528,105 09
1885-86	8.53	14,833.07	13,341 00	821,730 48	1.28	2,411.90	$5,808 11	77,458 94									9 81	17,244 97	19,149 11	899,189 42	918,338 53
1886-87	8.62	16,607.75	18,264 12	881,982 05					1.34	2,248.26		93,250 66					9 96	18,853 01	18,264 12	975,232 71	993,496 83
1887-88	2.17	4,430.15	30,237 45	166,103 48					0 37	725.13		30,911 71					2.54	5,155.28	30,237 45	197,015 19	227,252 64
1888-89	6.26	11,370.90	109,708 72	486,195 30	0 10	183.39		6,465 22	2.53	4,888.23	11,658 84	202,272 47					8.89	16,442 52	121,367 56	694,932 99	816,300 55
1889-90	1 63	2,778.91	37,949 48	84,355 60													1.63	2,778.91	37,949 48	84,355 60	122,305 08
1890-91	0 45	623 87	486 89	26,720 17					0.65	455.24		11,798 34					1.10	1,079.11	486 89	38,518 51	39,005 40
1891-92	1.59	2,703 39	35,253 87	101,508 23					1.40	1,660.25		46,029 60					2 99	4,363.64	35,253 87	147,537 83	182,791 70
1892-93	1.89	2,869 00	8,420 55	100,223 90	1 31	2,111.59	3,136 46	77,470 98	0.79	1,246.34	486 30	40,096 89					3 99	6,226 93	12,043 31	217,791 77	229,835 08
1893-94	0.71	1,063.23	1,317 40	41,068 51	2 78	5,072.77	10,712 74	185,091 68									3 49	6,136.00	12,030 14	226,160 19	238,190 33
1894-95																					
1895-96	0.13	145.99		3,797 02													0.13	145.99		3,797 02	3,797 02
1896-97	1.14	1,558.57	2,465 38	51,623 62																	
1897-98	2.11	3,165.28	3,853 78	107,733 52	0.42	464.66		11,629 70					4.91	8,540 85	$3,586 15	$167,678 50	6 05	10,099.42	6,071 53	219,297 12	225,368 65
1898-99	0.99	1,796.85	2,400 62	53,414 09	0 78	1,869.23	258 31	57,644 92					3 29	6,122 43	1,102 33	124,614 33	5.82	9,752 37	4,956 11	243,977 55	248,933 66
1899-1900					0.92	1,750.75	78 70	38,383 85					2.58	5,199.88	1,688 75	109,327 14	4.35	8,885.96	4,347 68	220,386 15	224,733 83
1900-1901	8 16	4,716.76	625 29	172,263 03									2.06	3,450.44	2,199 42	68,623 07	2.98	5,201.19	2,278 12	107,006 92	109,285 04
													2.99	4,825.89	1,758 66	87,684 16	5.83	8,596.82	2,378 95	259,947 19	262,326 14
	58.10	89,880.79	$383,284 83	$4,080,788 09	10.17	19,051.58	$19,994 32	$632,461 34	8.09	13,173.69	$12,584 82	$499,005 11	15.83	27,638.49	$10,630 31	$557,922 20	86 93	149,248.72	$426,194 28	$5,770,176 74	$6,196,371 02

TABLE NO. 6.

STATEMENT OF THE LENGTH AND COST OF IMPROVEMENT AND RECONSTRUCTION OF ALLEYS WITH GRANITE, VITRIFIED BRICK AND GRANITOID SINCE 1884.

YEAR.	GRANITE.						VITRIFIED BRICK.						GRANITOID.						GRAND TOTAL.
	Length.		Area in Squares.	Cost.		Total Cost.	Length.		Area in Squares.	Cost.		Total Cost.	Length.		Area in Squares.	Cost.		Total Cost.	
	Linear Ft.	Miles.		Paid by City.	Paid by Prop. Owners.		Linear Ft.	Miles.		Paid by City.	Paid by Prop. Owners.		Linear Ft.	Miles.		Paid by City.	Paid by Prop. Owners.		
1884-1885	257.0	0.05	35.53	.....	$ 1,865 33	$ 1,865 33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$ 1,865 33
1885-1886	240.0	0.05	36.82	.....	1,638 49	1,638 49	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,638 49
1887-1888	106.0	0.02	13.91	.....	456 51	456 51	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	456 51
1888-1889	6,087.0	1.15	1,047.51	$ 396 28	50,948 95	51,345 23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	51,345 23
1889-1890	5,751.0	1.09	962.06	348 56	33,894 90	34,243 46	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34,243 46
1890-1891	6,167.0	1.17	1,031.43	372 43	39,341 35	39,713 78	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	39,713 78
1891-1892	5,065.0	0 96	923.21	828 01	41,402 39	42,230 40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	42,230 40
1892-1893	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	255.0	0.05	33.72	.....	$ 843 00	$ 843 00	843 00
1893-1894	1,694 0	0.32	277.32	13 76	9,674 53	9,688 29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,688 29
1894-1895	3,645.6	0.69	604 89	.....	15,969 45	15,969.45	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15,969 45
1895-1896	5,224.6	0 99	939.80	.....	19,602 62	19,602 62	16,330.67	3.09	2,805 86	.....	$41,821 89	$41,821 89	.....	.....	.....	.....	.....	.....	61,424 51
1896-1897	2,064.9	0.39	399.59	78 81	8,221 27	8,300 08	8,286.48	1.56	1,368 82	.....	21,464 28	21,464 28	.....	.....	.....	.....	.....	.....	29,764 36
1897-1898	2,595.0	0.49	347.16	.....	11,908 48	11,908 48	40,582.00	7.75	7,119 92	$250 63	108,509 80	108,760 43	.....	.....	.....	.....	.....	.....	120,668 91
1898-1899	1,067 9	0.22	183 01	.....	4,605 25	4,605 25	7,318.20	1.39	1,374.45	.....	22,291 06	22,291 06	1,519.9	0.29	187 97	.....	4,368 20	4,368 20	31,264 51
1899-1900	.....	.....	.....	.....	.....	.....	21,517.60	4.08	4,088.66	191 70	65,008 68	65,200 38	244.7	0.05	37.33	.....	821 26	821 26	66,021 64
1900-1901	1,847.1	0.35	259.18	.....	7,550 81	7,550 81	29,110.10	5.51	4,780.92	418 02	77,067 74	77,480 76	.....	....	.....	.....	.....	.....	85,031 07
	14,812.1	7.94	11,021.42	$2087 85	$247079 83	$249117 68	123395.05	23.38	21,538.63	$855 35	$336163 45	$337018 80	2,019.6	0.39	259.02	.....	$6,032 46	$6,032 46	$592,168 94

TABLE NO. 7.

MILEAGE OF IMPROVED AND UNIMPROVED STREETS AND ALLEYS, APRIL 1ST, 1901.

	STREETS.									ALLEYS.					
	Macadam and Limestone Blocks.	Wood.	Granite.	Asphalt.	Improved Telford.	Telford.	Brick.	Vitrified Brick Block.	Novaculite.	Limestone Blocks.	Granite.	Granitoid.	Asphalt.	Brick.	Vitrified Brick Block.
	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles
Length of streets and alleys April 1st, 1901	259.69	5.83	53.48	12.15	2.36	81 75	16.22	0.57	7.78	79.10	8.09	1.06	0.03	24.26	0.37
Divided as follows:															
1st Superintendent's District	67.38	.....	2.70	0.10	.....	11.67	0.52	.....	3.68	14.04	.....	.....	.....	2.62	.....
2d " "	81.49	2.80	24.62	4.73	.....	27.12	0.62	.....	1.87	14.16	3.78	0.79	0.03	5.73	.....
3d " "	66 03	3.03	24 85	7.32	2 36	32.20	13.47	..	1.08	48.10	4.31	0.27	.....	13.20	0.37
4th " "	44.79	.....	1.31	.....	.....	10 76	1 61	0 57	1.15	2.75	.....	.....	.....	2.71	.....
Total as above	259.69	5.83	53.48	12.15	2.36	81.75	16 22	0.57	7.78	79.10	8.09	1.06	0.03	24.26	0.37

	Streets.	Alleys.
Reported April 1st, 1900	873.70	315.39
Added: By Additions and Sub-divisions	0.90	0.93
By Ordinances	1.69	0.61
Total length of streets and alleys, April 1st, 1901	876.29	316.93
Deducted: Vacated by Ordinances	0 00	0.00
Actual length of streets and alleys, April 1st, 1901	876.29	316.93
Of which are:		
Improved streets and alleys	439.83	112.86
Unimproved streets and alleys	436.46	204.07
Total as above	876.29	316.93

	Streets	Alleys.
Macadam and Limestone Blocks	259.69	.....
Wood	5.83	.....
Granite	53.48	8.09
Asphalt	12.15	0.03
Improved Telford	2.36	.....
Telford	81.75	.....
Brick	16.22	24 26
Vitrified Brick Block	0.57	0.37
Novaculite	7.78	.....
Granitoid	.....	1.06
Total	439.83	112.86

	Miles.
Unimproved Streets:	
1st Superintendent's District	174.88
2d " "	167.80
3d " "	47.74
4th " "	46.04
Total	436.46
Unimproved Alleys:	
1st Superintendent's District	78.10
2d " "	28.64
3d " "	45.53
4th " "	51 80
Total	204 07

Streets Reconstructed.....4.50 miles.
Streets newly improved.....7.75 miles.

Alleys Reconstructed.....1.52 miles.
Alleys newly improved.....4.82 miles.

TABLE NO. 8.

LENGTH AND CHARACTER OF STREET AND ALLEY IMPROVEMENTS FROM APRIL 1ST, 1900, TO APRIL 1ST, 1901.

	Streets.																					
	Macadam and Limestone Blocks.		Wood. Wooden Blocks Treated on Concrete Base.		Wood. Pinewood Blocks not Treated on Concrete Base.		Wood. Cedar Blocks on Concrete Base.		Granite.		Asphalt.		Improved Telford.		Telford.		Brick.		Vitrified Brick Block.		Novaculite.	
	Feet.	Miles.	Feet.	Miles.	Feet.	Miles.	Feet.	Miles.	Feet.	Miles.	Feet.	Miles.	Feet.	Miles.	Feet.	Miles.	Feet.	Miles.	Feet	Miles.	Feet.	Miles.
Length of Streets, April 1st, 1900	1,389,655	263.19	21,797	4.13	5,516	1.04	8,558	1 63	265,826	50.36	62,850	11.89	11,644	2.19	421,610	79.86	66,474	12.59	3,011	0.57	24,536	4.63
ADDITIONS:																						
Streets improved to April 1st, 1901															4,853	0.21	10,552	2.00			10,236	1.94
Reconstructed									16,262	3.08							5,207	0.99				
Total	1,389,655	263.19	21,797	4.13	5,516	1.04	8,558	1 63	282,088	53.44	62,850	11.89	11,644	2.19	426,463	80.77	82,233	15.58	3,011	0.57	34,772	6.57
DEDUCTIONS:																						
Reconstructed to April 1st, 1901	18,651	3.53	2,818	0.54																		
Total Length of Streets, April 1st, 1901	1,371,004	259 66	18,979	3.59	5,516	1.04	8,558	1.63	282,088	53.44	62,850	11 89	11,644	2.19	426,463	80.77	82,233	15.58	3,011	0 57	34,772	6.57
Streets improved by Private Parties	144	0.03							270	0.04			893	0.17	5,167	0.98	2,523	0.47			6,366	1.21
Reconstructed by Private Parties											1,329	0.26					916	0.17				
Total	1,371,148	259.69	18,979	3.59	5,516	1.04	8,558	1.63	282,358	53 48	64,179	12.15	12,537	2.36	431,630	81.75	85,672	16.22	3,011	0.57	41,138	7.78
DEDUCT: Reconstructed			2,247	0.43																		
Actual, April 1st, 1901	1,371,148	259.69	16,732	3.16	5,516	10.4	8,558	1 63	282,358	53.48	64,179	12.15	12,537	2.36	431,630	81.75	85,672	16.22	3,011	0.57	41,138	7.78

TABLE NO. 8.—*Continued.*

	ALLEYS.											
	Limestone. Blocks.		Granite.		Granitoid		Asphalt		Brick.		Vitrified Brick Block.	
	Feet.	Miles.	Feet.	Miles.	Feet.	Miles.	Feet.	Miles.	Feet.	Miles.	Feet.	Miles.
Length of Alleys, April 1st, 1900	425,419	80.57	40,910	7.74	5,589	1.06	150	0.03	96,785	18.33	1,618	0.31
ADDITIONS: Alleys Improved to April 1st, 1901	.....	.....	103	0.02	.....	.....	.....	.....	22,744	4.31	.....	.....
Reconstructed	.....	.....	1,725	0.33	.....	.....	.....	.....	5,971	1.13	350	0.06
Total	425,419	80.57	42,738	8.09	5,589	1.06	150	0.03	125,450	23.77	1,968	0.37
DEDUCTIONS: Reconstructed to April 1st, 1901	8,046	1.52	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total Length of Alleys, April 1st, 1901	417,373	79.05	42,738	8.09	5,589	10.6	150	0.03	125,450	23.77	1,968	0.37
Alleys Improved by Private Parties	.....	.....	.....	.....	.....	.....	.....	.....	2,574	0.49	.....	.....
Reconstructed by Private Parties	.....	.....	.....	.....	.....	..	.....	.....	.....	.....	.....	.....
Total	417,373	79.05	42,738	8.09	5,589	1.06	150	0.03	128,024	24.26	1,968	0.37
DEDUCT: Reconstructed	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Actual, April 1st, 1901	417,373	79.05	42,738	8.09	5,589	1.06	150	0.03	128,024	24.26	1,968	0.37

TABLE NO. 9.

ACCOUNT IN SQUARES OF IMPROVED AND RECONSTRUCTED STREETS, 1900-1901, EXCLUSIVE OF RAILROADS.

	Granite.	Wood.	Brick.	Asphalt.
TOTAL APRIL 1, 1900	87,492.74	10,885.35	23,160.82	22,282.17
ADDITIONS:				
Improved by the Dept. during the year	4,719.77		4,318.80	
Improved by private parties:				
Cerre st. from 7th st to 8th st.	68 50			
Garrison av. from St. Louis av. to Palm st.			657 82	
Garrison av. from Locust st. to Franklin av				460.90
University st. from Glasgow av. to Garrison av			170.79	
Total	92,281.01	10,885.35	28,308.23	22,742.07
DEDUCTIONS:				
Reconstructed by the Dept. during the year		595.51		
Reconstructed by private parties:				
Garrison av. from Locust st. to Franklin av		460.90		
Morgan st. from Channing av. to Grand av		242.67		
Total deductions		1,299.08		
ACTUAL, APRIL 1, 1900	92,281.01	9,586.27	28,308.23	22,742.07
OF WHICH ARE MAINTAINED,				
By the City	92,281.01	9,586.27	28,308.23	10,685.19
By contract				12,056.88
Total as above	92,281.01	9,586.27	28,308.23	22,742.07
ADD:				
Maintained by the Railroad Companies	18,114.31	1,831.02	5,909.10	4,780.95
Total squares April 1, 1901	110,395.32	11,417 29	34,217.33	27,523.02

TABLE NO. 10.

MACADAM AND GRAVEL DELIVERED DURING THE FISCAL YEAR 1900-1901.

	April.	May.	June	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	Total.
MACADAM.													
District A...	.....	181.50	168.00	318.00	.....	....	....	....	...	....	....	....	667.50
" B...	123.50	.....	.....	.....	.....	....	....	....	..	....	....	....	123.50
" C...	5.50	.....	127.00	.....	.....	....	....	....	....	....	....	....	132 50
" D...	212.50	378.50	697.46	251.70	53 00	...	....	....	...	...	....	....	1593.18
" E...	252.50	309.50	605.50	140.00	87.00	....	....	...	....	...	....	....	1394 50
" F...	401.08	789.24	487.50	596 50	258.75	....	....	....	....	....	...	....	2533.07
" G...	142 50	270.50	268.00	221.50	79 50	...	..	....	....	....	....	....	982.00
" H...	541.00	455.50	578.50	529.50	239.50	....	....	..	....	....	....	....	2344.00
Total....	1678.58	2384.74	2931.98	2057.20	717.75	...	....	....	....	....	...	....	9770 25 Sq'res.
WORKHOUSE MACADAM.													
District A...	246 50	249.50	103.00	.....	.....	...	....	....	....	....	....	....	599.00
" B...	507 50	302.00	674.00	320 00	163.50	....	....	...	....	...	...	...	1967.00
" D...	31.40	240.30	192.00	162.50	52.00	....	....	...	....	....	....	...	678.20
Total....	785.40	791.80	969.00	482.50	215.50	....	....	...	....	....	....	....	3244.20 Sq'res.
SCREENED GRAVEL.													
District A...	.....	.....	.....	91.00	.....	....	..	...	...	...	....	....	91.00
" B...	45 00	145.50	118 00	100.50	... ...	....	...	....	...	....	....	....	409.00
" C...	.....	.....	.....	.....	.....	....	....	...	....	....	....	....	.....
" D...	342 50	205 50	.....	155.50	96.00	...	....	....	...	....	...	...	799 50
" E...	182 00	190.00	48 50	.....	63.00	....	....	...	....	....	....	....	483.50
" F...	.....	.....	.....	.....	36.00	...	...	....	....	....	....	....	36.00
" G...	.....	.....	.....	.....	... ...	...	...	...	....	....	....	....	.....
" H..	.....	.....	.....	.....	.....	....	...	....	....	....	....	....	.....
Total....	569.50	541.00	166.50	347.00	195.30	....	....	....	....	....	....	....	1819 30 Sq'res.
NOVACULITE MACADAM.													
District E...	.....	.....	.....	.....	.....	...	....	..	...	....	...	...	.....

TABLE NO. 11.

SPRINKLING STREETS FOR THE TERM ENDING NOVEMBER 30, 1900.

FOR SPRINKLING SUCH OF THE STREETS AND PUBLIC PLACES AS ARE DESIGNATED BY ORD. NO. 19918.

No. of District.	No. of Contract.	CONTRACTOR.	Contract Price Per Term.	Deductions by Supt. of Sprinkling.	Deductions for Repairing Fire Plugs.	Deductions for Streets Withdrawn.	Total Deductions.	Net Amount Paid Contractor.	Mileage. Miles.	Cost Per Mile.	Special Tax Per Front Foot.
1	5542	W. & F. Ruprecht	$3,299 00	.....	$43 90	.....	$43 90	$3,255 10	8.80	$397 47	$0.04846
2	5543	" " "	3,445 00	.....	80 83	$28 25	59 08	3,385 92	9.19	385 74	.04119
3	5544	John A Lohrum	2,900 00	$4 31	84 62	25 22	114 15	2,685 85	12.21	229 32	.02386
4	5545	Gottlieb Eyermann	2,967 00	32 77	106 44	4 50	143 71	2,823 29	7 65	387 84	.04204
5	5546	" " "	4,120 00	87 32	98 54	7 32	188 18	3,981 82	10 11	407 02	.04055
6	5547	Wade Bros. Cont. Co	4,075 00	.....	6 57	.....	90 47	97 04	10.36	393 34	.03821
7	5548	" " "	4,797 00	67 00	.....	.....	71 48	138 48	4,658 52	12.08	397 10	.03950
8	5549	J. E. Sippy	3,963 00	.....	9 05	107 97	117 02	3,845 98	9.91	400 00	.04028
9	5550	Wade Bros. Cont. Co	4,275 00	.....	75 57	35 04	110 61	4,164 39	13.42	318 55	.03189
10	5551	Friedrich Eck	3,799 00	.....	49 38	.....	49 28	3,749 72	9.58	386 11	.04205
11	5552	Gottlieb Eyermann	4,395 00	4 43	79 60	.....	84 03	4,310 97	11.11	395 59	.04154
12	5553	" " "	5,450 00	.....	204 21	.....	204 21	5,245 79	13.48	404 80	.04249
13	5554	Peter Fabick	2,174 00	40 00	76 07	.....	116 07	2,057 93	7.91	274 84	.02957
14	5555	W. T. Ratican	2,450 00	60 55	135 62	.....	196 17	2,253 83	8.36	298 06	.03176
15	5556	A. F. Pollman	3,467 00	86 80	87 04	.....	173 34	3,293 66	8.62	392 51	.04129
16	5557	" " "	5,931 00	.....	21 58	.....	21 58	5,909 42	15.11	392 52	.04050
17	5558	John A. Lynch	3,785 00	4 00	61 94	.....	65 94	3,719 06	9.47	399 68	.04202
18	5559	Thos. Skidmore	2,480 00	28 07	94 03	.....	122 10	2,357 90	6.60	375 76	.03918
19	5560	" " "	2,460 00	41 94	5 95	.....	47 89	2,432 11	6 57	377 47	.03947
20	5561	Henry Pfeffle	2,840 00	.....	3 26	.....	3 26	2,836 74	7.18	347 82	.04391
21	5562	" " "	2,945 00	41 02	73 12	.....	114 14	2,830 86	7.38	399 65	.04392
22	5563	W. H. Kennedy	2,330 00	38 73	2 04	.....	40 77	2,289 23	6.94	385 73	.03611
23	5564	Ernst Weber	1,836 00	140 00	77 98	.....	217 98	1,618 02	6 28	292 35	.03174
24	5565	Metropol. Impr'v't Co	2,820 00	4 00	.....	16 00	20 00	2,800 00	7.05	400 00	.04379
25	5566	O'Conner & Coughlin	2,750 00	.....	.....	.....	.....	2,750 00	6.91	397 97	.04125
26	5567	H. C. Pollmann Bros. C. & S. Co	3,614 00	.....	2 57	.....	2 57	3,611 43	9.44	382 84	.04092
27	5568	H. C. Pollmann Bros. C. & S. Co	2,178 00	.....	26 23	.....	26 23	2,151 77	5.71	381 43	.03968
28	5569	Metropol. Impr'v't Co	2,285 00	8 00	1 43	.....	9 43	2,275 57	5.83	391 94	.04090
29	5570	Mueller C. H. H. & T. Co.	2,489 00	54 18	119 93	.....	174 11	2,314 89	6.23	399 51	.04271
30	5571	" " "	3,025 00	21 78	43 33	.....	65 11	2,959 89	7 61	397 50	.04228
31	5572	Ruprecht & Bergmeyer	2,149 00	9 51	25 45	.....	34 96	2,114 04	7.06	304 89	.03810
32	5573	J. P. Schureman	2,700 00	.....	35 72	.....	35 72	2,664 28	7.02	384 61	.04033
33	5574	" " "	2,825 00	.....	114 24	.....	114 24	2,710 76	7 34	384 87	.04082
34	5575	W. T. Ratican	2,275 00	48 35	126 99	.....	170 34	2,104 66	7.97	285 44	.02928
35	5576	" " "	2,375 00	26 65	35 68	.....	62 33	2,312 67	8.83	268 97	.02839
36	5577	J. P. Schureman	5,482 00	.....	.....	127 02	127 02	5,354 98	14.24	384 97	.03992
37	5578	J. E. Sippy	3,881 00	.....	40 80	47 99	88 79	3,742 21	9.58	400 00	.04180
38	5579	Home Ice Co	1,599 00	49 60	128 63	.....	178 23	1,420 77	6.46	247 52	.02552
39	5580	Hermann Feldbusch	2,585 00	.....	.....	.....	.....	2,585 00	6.56	386 43	.04206
40	5581	Jas. McMahan	2,019 00	.....	11 45	.....	11 45	2,007 55	7.82	258 18	.02701
41	5582	H. C. Pollmann Bros. C. & S. Co	2,812 00	4 00	7 64	.....	11 64	2,800 36	7.08	397 17	.04089
42	5583	Jas. McMahan	2,991 00	4 66	59 58	.....	64 24	2,926 76	12.26	243 96	.02540
43	5584	Chas. A. Kalbfell	3,765 00	.....	28 48	.....	28 48	3,736 52	9.46	397 81	.04098
44	5585	John Sullivan	3,987 00	4 00	.....	.....	4 00	3,983 00	9.99	399 10	.04121
45	5586	W. T. Ratican	2,900 00	110 22	20 19	.....	130 41	2,769 59	10.20	284 81	.02816
46	5587	" " "	2,750 00	105 12	38 40	.....	143 52	2,606 48	9.64	285 27	.02873
47	5588	" " "	2,600 00	107 64	47 05	.....	154 69	2,445 31	11.14	233 39	.02354
48	5589	" " "	2,875 00	97 24	48 77	.....	146 01	2,728 99	11.03	280 65	.02640
49	5590	" " "	3,825 00	113 49	131 97	.....	245 46	3,579 54	11 56	330 89	.03361
50	5591	" " "	3,050 00	78 40	.....	.....	78 40	2,971 60	7.97	382 68	.03752
51	5592	" " "	3,175 00	80 84	269 96	.....	290 80	2,884 20	10.70	296 72	.03021
52	5593	" " "	3,975 00	155 15	57 49	492 11	704 75	3,270 25	10.42	381 47	.03662
53	5594	" " "	3,650 00	88 19	111 12	47 60	246 91	3,403 09	10.16	359 35	.03558
54	5595	" " "	2,725 00	57 06	124 26	180 59	361 91	2,363 09	8 45	322 48	.03247
			$172,234 00	$1,849 52	$3,019 60	$1,281 56	$6,150 68	$166,083 32	489.69	$351 72 Avg.	$0.0389 Avg.

TABLE NO. 10.

MACADAM AND GRAVEL DELIVERED DURING THE FISCAL YEAR 1900-1901.

	April.	May.	June	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	Total.
MACADAM.													
District A...	.....	181.50	168.00	318.00	.....	....	....	....	...	....	....	....	667.50
" B...	123.50	.....	.....	.....	.....	....	....	....	..	....	....	....	123.50
" C...	5.50	.....	127.00	.....	.....	....	....	....	....	....	....	....	132.50
" D...	212.50	378.50	697.48	251.70	53.00	....	....	....	....	....	....	....	1593.18
" E...	252.50	309.50	606.50	140.00	87.00	....	...	...	...	....	....	....	1394.50
" F...	401.08	789.24	487.50	596.50	258.75	....	....	....	....	....	....	....	2533.07
" G...	142.50	270.50	268.00	221.50	79.50	....	..	....	....	....	....	....	982.00
" H...	541.00	455.50	578.50	529.50	239.50	....	...	..	....	....	....	....	2344.00
Total....	1678.58	2384.74	2931.98	2057.20	717.75	...	....	....	....	...	...	....	9770 25 Sq'res.
WORKHOUSE MACADAM.													
District A...	246.50	249.50	103.00	.....	.....	...	....	....	....	....	....	....	599.00
" B...	507.50	302.00	674.00	320.00	163.50	....	....	....	....	....	....	....	1967.00
" D...	31.40	240.30	192.00	162.50	52.00	....	....	....	....	....	....	....	678.20
Total....	785.40	791.80	969.00	482.50	215.50	....	....	....	....	....	....	....	3244.20 Sq'res.
SCREENED GRAVEL.													
District A...	.....	.....	.....	91.00	.....	....	..	....	....	....	....	....	91.00
" B...	45.00	145.50	118.00	100.50	... ...	....	...	....	...	....	....	....	409.00
" C...	.....	.....	.....	.....	.....	...	....	....	....	....	....	....	.....
" D...	342.50	205.50	.....	155.50	96.00	...	....	....	....	....	....	....	799.80
" E...	182.00	190.00	48.50	.....	63.00	...	....	....	....	....	....	....	483.50
" F...	.....	.....	.....	.....	36.00	...	...	....	....	....	....	....	36.00
" G...	.....	.....	.....	.....	....	...	...	...	....	....	....	....	.....
" H..	.....	.....	.....	.....	.....	...	...	....	....	....	....	....	.....
Total....	569.50	541.00	166.50	347.00	195.30	....	....	....	....	....	....	....	1819 30 Sq'res.
NOVACULITE MACADAM.													
District E...	.....	.....	.....	.....	.....	...	....	..	...	....	....	...	.....

TABLE NO. 11.

SPRINKLING STREETS FOR THE TERM ENDING NOVEMBER 30, 1900.

FOR SPRINKLING SUCH OF THE STREETS AND PUBLIC PLACES AS ARE DESIGNATED BY ORD. NO. 19918.

No. of District.	No. of Contract.	CONTRACTOR.	Contract Price Per Term.	Deductions by Supt. of Sprinkling.	Deductions for Repairing Fire Plugs.	Deductions for Streets Withdrawn.	Total Deductions.	Net Amount Paid Contractor.	Mileage. Miles.	Cost Per Mile.	Special Tax Per Front Foot.
1	5542	W. & F. Ruprecht	$3,299 00	.....	$43 90	.....	$43 90	$3,255 10	8.30	$397 47	$0.04393
2	5543	" "	3,445 00	.....	80 83	$28 25	59 08	3,385 92	9.19	385 74	.04119
3	5544	John A Lohrum	2,900 00	$4 31	84 62	25 22	114 15	2,685 85	12.21	229 32	.02386
4	5545	Gottlieb Eyermann	2,967 00	32 77	106 44	4 50	143 71	2,823 29	7 65	387 84	.04204
5	5546	" "	4,120 00	87 32	23 54	7 32	138 18	3,981 82	10 11	407 02	.04055
6	5547	Wade Bros. Cont. Co	4,075 00	.....	6 57	90 47	97 04	3,977 96	10.36	393 34	.03821
7	5548	" " "	4,797 00	67 00	.....	71 48	138 48	4,658 52	12.08	397 10	.03950
8	5549	J. E. Sippy	3,963 00	.....	9 05	107 97	117 02	3,845 98	9.91	400 00	.04028
9	5550	Wade Bros. Cont. Co	4,275 00	.....	75 57	35 04	110 61	4,164 39	13.42	318 55	.03189
10	5551	Friedrich Eck	3,799 00	.....	49 38	.....	49 28	3,749 72	9.58	386 11	.04205
11	5552	Gottlieb Eyermann	4,395 00	4 43	79 60	.....	84 03	4,310 97	11.11	395 59	.04154
12	5553	" "	5,450 00	.....	204 21	.....	204 21	5,245 79	13.48	404 30	.04249
13	5554	Peter Fabick	2,174 00	40 00	76 07	.....	116 07	2,057 93	7.91	274 84	.02957
14	5555	W. T. Ratican	2,450 00	60 55	135 62	.....	196 17	2,253 83	8.36	293 06	.03176
15	5556	A. F. Pollman	3,467 00	86 80	87 04	.....	173 34	3,293 66	8.82	392 51	.04129
16	5557	" "	5,931 00	.....	21 58	.....	21 58	5,909 42	15.11	392 52	.04050
17	5558	John A. Lynch	3,785 00	4 00	61 94	.....	65 94	3,719 06	9.47	399 68	.04202
18	5559	Thos. Skidmore	2,480 00	28 07	94 03	.....	122 10	2,357 90	6.60	375 76	.03918
19	5560	" "	2,480 00	41 94	5 95	.....	47 89	2,432 11	6 57	377 47	.03947
20	5561	Henry Pfeffe	2,840 00	.....	3 26	.....	3 26	2,836 74	7.13	347 82	.04391
21	5562	" "	2,945 00	41 02	73 12	.....	114 14	2,830 86	7.38	399 65	.04392
22	5563	W. H. Kennedy	2,330 00	38 73	2 04	.....	40 77	2,289 23	6.94	335 73	.03611
23	5564	Ernst Weber	1,836 00	140 00	77 98	.....	217 98	1,618 02	6 28	292 35	.03174
24	5565	Metropol. Impr'v't Co	2,820 00	4 00	.....	16 00	20 00	2,800 00	7.05	400 00	.04379
25	5566	O'Conner & Coughlin	2,750 00	.....	.....	.....	.....	2,750 00	6.91	397 97	.04125
26	5567	H. C. Pollmann Bros. C. & S. Co	3,614 00	.....	2 57	.....	2 57	3,611 43	9.44	382 84	.04092
27	5568	H. C. Pollmann Bros. C. & S. Co	2,178 00	.....	26 23	.....	26 23	2,151 77	5.71	381 43	.03968
28	5569	Metropol. Impr'v't Co	2,285 00	8 00	1 43	.....	9 43	2,275 57	5.83	391 94	.04090
29	5570	Mueller C. H. H. & T. Co.	2,489 00	54 18	119 93	.....	174 11	2,314 89	6.23	399 51	.04271
30	5571	" "	3,025 00	21 78	43 33	.....	65 11	2,959 89	7 61	397 50	.04228
31	5572	Ruprecht & Bergmeyer	2,149 00	9 51	25 45	.....	34 96	2,114 04	7.06	304 39	.03310
32	5573	J. P. Schureman	2,700 00	.....	35 72	.....	35 72	2,664 28	7.02	384 61	.04033
33	5574	" "	2,825 00	.....	114 24	.....	114 24	2,710 76	7 34	384 87	.04082
34	5575	W. T. Ratican	2,275 00	43 35	126 99	.....	170 34	2,104 66	7.97	285 44	.02928
35	5576	" "	2,375 00	26 65	35 68	.....	62 33	2,312 67	8.83	268 97	.02839
36	5577	J. P. Schureman	5,482 00	.....	.....	127 02	127 02	5,354 98	14.24	384 97	.03992
37	5578	J. E. Sippy	3,831 00	.....	40 80	47 99	88 79	3,742 21	9.58	400 00	.04180
38	5579	Home Ice Co	1,599 00	49 60	128 63	.....	178 23	1,420 77	6.46	247 52	.02552
39	5580	Hermann Feldbusch	2,585 00	.....	.....	.....	.....	2,585 00	6.56	386 43	.04206
40	5581	Jas. McMahan	2,019 00	.....	11 45	.....	11 45	2,007 55	7.82	258 18	.02701
41	5582	H. C. Pollmann Bros. C. & S. Co	2,812 00	4 00	7 64	.....	11 64	2,800 36	7.08	397 17	.04089
42	5583	Jas. McMahan	2,991 00	4 66	59 58	.....	64 24	2,926 76	12.26	243 96	.02540
43	5584	Chas. A. Kalbfell	3,765 00	.....	28 48	.....	28 48	3,736 52	9 46	397 81	.04098
44	5585	John Sullivan	3,987 00	4 00	.....	.....	4 00	3,983 00	9.99	399 10	.04121
45	5586	W. T. Ratican	2,900 00	110 22	20 19	.....	130 41	2,769 59	10.20	284 31	.02816
46	5587	" "	2,750 00	105 12	38 40	.....	143 52	2,606 48	9.64	285 27	.02873
47	5588	" "	2,600 00	107 64	47 05	.....	154 69	2,445 31	11.14	233 39	.02354
48	5589	" "	2,875 00	97 24	48 77	.....	146 01	2,728 99	11.03	260 65	.02640
49	5590	" "	3,825 00	113 49	131 97	.....	245 46	3,579 54	11 56	330 89	.03361
50	5591	" "	3,050 00	78 40	.....	.....	78 40	2,971 60	7.97	382 68	.03752
51	5592	" "	3,175 00	80 84	209 96	.....	290 80	2,884 20	10.70	296 72	.03021
52	5593	" "	3,975 00	155 15	57 49	492 11	704 75	3,270 25	10.42	381 47	.03662
53	5594	" "	3,650 00	88 19	111 12	47 60	246 91	3,403 09	10.16	359 35	.03558
54	5595	" "	2,725 00	57 06	124 26	180 59	361 91	2,363 09	8 45	322 48	.03247
			$172,234 00	$1,849 52	$3,019 60	$1,281 56	$6,150 68	$166,083 32	489.69	$351 72 Avg.	$0.0389 Avg.

TABLE NO. 14.

TRACK MILEAGE OF STREET RAILROADS, APRIL 1ST, 1901.

	MILES OF SINGLE TRACK.				
	Tracks in Operation.			Author. by Ord.	
	Used.	Use Susp'd	Total	Built.	Not Built.
LINDELL RAILWAY COMPANY'S SYSTEM:					
Lindell Railway Co.	36.71	.....	36.71	2.88	22.24
Compton Heights, U. D. & M. T. R. R. Co	12.38	.....	12.38	....	0.58
Taylor Av. Railway Co	9.82	.....	9.82	....	.....
Vandeventer Av. Railroad Co	4.08	1.47	5.55	....	.....
Clayton & Forest Park Railw iy Co	1.25	.....	1.25	...	.....
Delmar Av. & Clayton Railway Co	1.89	.....	1.89	....	.....
Missouri Railroad Co	19.09	0 27	19.36	.....	2.68
Forest Park, Laclede & 4th St. Railway Co	6 33	.....	6.33	....	.....
Total	91.55	1.74	93.29	2.88	25.50
UNION DEPOT RAILROAD COMPANY'S SYSTEM:					
Union Depot Railroad Co	41 96	0.93	42.89	....	.....
Mound City Street Railway Co	7.16	.....	7.16	....	.....
Benton-Bellefontaine Railway Co	12.87	0.92	13.79	....	.....
Grand Av. Railway Co	8.00	.....	8.00	....	1.40
Kingshighway Railroad Co	4.64	.....	4 64	....	.....
Total	74.63	1.85	76.48	....	1.40
CASS AV. AND FAIR GROUND RY. CO.'S SYSTEM:					
Cass Av. & Fair Ground Ry. Co	13.23	0.26	13.49	....	0.89
Northern Central Railroad Co	10.28	0.13	10.41	....	3 00
Union Railway Co	11.01	.....	11 01	....	10.50
Citizens Railway Co	18.14	.....	18.14	....	.....
St. Louis Railroad Co	19.94	.....	19.94	....	.....
Baden & St. Louis Railroad Co	6.65	.....	6.65	....	.....
Southwestern Railway Co	2.05	.....	2.05	....	2.46
Total	81.30	0.39	81.69	....	16.85
Southern Electric Railway Co	16.51	1.21	17.72	....	8.86
Jefferson Av. Railroad Co	7.26	.....	7.26	....	.....
Peoples Railway Co	9 57	.....	9.57	....	.....
Fourth St. and Arsenal Railway Co	.....	3.75	3.75	....	.....
Central Traction Co	6.41	.....	6.41	2.74	70.85
Total	39.75	4.96	44.71	2.74	79 71
St. Louis Transit Co. Total	287.23	8.94	296.17	5.12	123.46
ST. LOUIS AND SUBURBAN RAILWAY CO.'S SYSTEM:					
St. Louis & Suburban Railway Co	24.75	.....	24.75	....	.....
St. Louis & Meramec River Railroad Co	14.41	.....	14.41	....	.....
Florissant Av. Electric Railway Co	0.76	.....	0.76	....	.....
Total	39.92	.....	39.92	....	.....
St. Louis Transit Co	287.23	8.94	296.17	5.12	123.46
St. Louis & Suburban Railway Co	39.92	.....	39 92	....	.....
Grand Total	327.15	8.94	336.09	5.12	123.46

The Central Traction Co., incorporated March 11, 1868. Name changed to United Railways Co. of St. Louis, July 8, 1899. The St. Louis Transit Co., incorporated March 6, 1899, Lessee. Lease began Oct. 1, 1899. Lease expires April 1, 1999.

TABLE NO. 15.

GENERAL INFORMATION, CITY OF ST. LOUIS.

AREAS OF THE VARIOUS CITY LIMITS.

Territory within the limits of			1839	0.75	sq. miles, or	477.25 acres.
"	"	"	1841	4.48	"	2865.19 "
"	"	"	1855	13.94	"	8823.25 "
"	"	"	1870	17.98	"	11504.75 "
"	"	"	1876	61.37	"	39276.25 "

DISTANCES.

Length of river front	19.15 miles.
Length of western city limits	21 27 "
Length of city from extreme north to south (air line)	17.00 "
Length of city from extreme east to west (air line)	6.62 "

ELEVATIONS.

The City Directrix, upon which all elevations are based, was the top of a square flat stone, located on the west side of the wharf, between Market street and Walnut street. It was established in 1826 by Col. Rene Paul, and by ordinance No. 1257 in 1843. The elevation of the same was 0.00 feet, being the high water mark of 1826. The stone was destroyed in 1890, on account of building the elevated railroad.

The height of the City Directrix above mean tide, Gulf of Mexico, as determined by the Mississippi River Commission, is 412.731 feet.

Zero at Government gauge is 379 feet above mean tide, Gulf of Mexico, a difference of 33.731 feet between gauge and City Directrix.

STAGE OF THE RIVER.

Highest stage of the river, June 27th, 1844, 7.58 feet above City Directrix. Lowest stage of river, January 2d, 1900, 35.77 feet below City Directrix. Difference between highest and lowest stage of river, 43.35 feet.

POPULATION OF ST. LOUIS.

In 1810	700	In 1870	310,864
In 1830	5,852	In 1890	451,770
In 1850	77,824	In 1900	575,238

St. Louis, Mo., April 1st, 1901.

ANNUAL REPORT

OF THE

Commissioner of Public Buildings,

For the Fiscal Year ending April 8, 1901.

INSPECTION OF BUILDINGS.

The inadequate appropriations or this department for the year just ended, necessitated the dismissal of three building inspectors and the Local Superintendent (Superintendent of repairs and alterations on the city buildings), leaving for the latter half of the year but four inspectors, one of which was detailed to perform the duties of Local Superintendent; thus the work of inspecting buildings for the entire city since last October has been performed by three men whose districts embrace respectively 14.3, 25.8 and 28.2 square miles of territory.

Not only do these inspectors have to inspect the buildings in their districts, but they are required to investigate and report on complaints made to this office, which are usually groundless and the result of petty neighborhood quarrels, but are sometimes justifiable and require action to be taken by this department. The inspectors are also required to appear as witnesses in the courts where violations of the ordinances are prosecuted.

The result is that the office is overwhelmed with the enormous amount of work which it is its duty to perform; its service to the public is insufficient, the building ordinances which have never been held in respect by a very large portion of the community cannot be enforced by the department as now organized, nor can it ever be without the full co-operation of the police court officials; the only remedy for violations of the Building Ordinance is through the police courts, and unless prompt action is taken by the court officers on information furnished them by this department, there is no remedy and the department is powerless in its efforts to enforce building ordinances and to prevent unlawful building

The department has been very much hampered in its attempt during the past year, to enforce the building laws, by the neglect of the police court officers to act upon the information of violations when placed in their hands.

The time has come when this city should respect and comply with its building laws and provide the necessary means for their proper enforcement.

The city of Boston, with a population less than our own, and an area of about one-third that of ours, maintains a department for the inspection of buildings, employing fifty men at an annual cost of $80.000. In his annual report of 1890 Thomas J. Furlong, then Commissioner of Public Buildings of

St. Louis, recommended a force of fifteen inspectors as then necessary for the proper performance of the work of this department. Since that time the fire limits have been extended over a much larger area; the outlying districts of the city, then fields and pastures, are now being built up; the building laws have been amended and amplified, increasing the duties and responsibilities of this department. There is every reason to expect building operations to increase and to soon exceed in extent and importance, those of any previous time in the history of this city, and I earnestly recommend that the force of inspectors of this department be increased to not less than fifteen men, and that the necessary ordinances to this end may be enacted without delay.

TABLE SHOWING NUMBER OF BUILDING PERMITS ISSUED, FEES COLLECTED FOR SAME AND TOTAL VALUES OF IMPROVEMENTS DURING THE FISCAL YEAR ENDING APRIL 8TH, 1901.

MONTHS.	BRICK BUILDINGS.				FRAME BUILDINGS.				Estimated Cost of Additions, Alterations and Repairs to Brick and Frame Buildings.	TOTAL VALUES.	FEES COLLECTED.
	New.		Additions, Repairs and Alterations.		New.		Additions, Repairs and Alterations.				
	No. of Permits.	Estimated Cost.	No. of Permits.	Estimated Cost.	No. of Permits.	Estimated Cost.	No. of Permits.	Estimated Cost.			
April 10, 1900, inc., to April 30 1900, inc.	43	$ 191,829	39	$ 28,205	56	$ 21,587	21	$ 2,537	$ 30,742	$ 244,158	$ 429 50
May	52	369,700	40	27,893	58	9,770	21	3,868	31,761	411,231	542 50
June	43	192,105	45	78,475	74	22,494	16	3,836	82,311	296,910	447 50
July	64	350,620	45	59,838	90	27,965	11	3,304	63,142	441,727	604 50
August	92	465,871	45	134,792	95	22,750	20	4,953	139,745	628,366	787 00
September	68	201,125	48	53,683	81	16,888	23	3,400	57,083	275,096	507 00
October	88	423,780	40	82,919	104	22,492	52	8,838	91,757	538,029	762 50
November	82	379,259	39	164,690	70	12,437	21	3,892	168,582	560,278	676 50
December	97	732,581	23	35,270	73	30,430	17	6,251	41,521	804,532	837 00
January	75	1,181,515	39	99,174	92	10,792	18	3,732	102,906	1,295,213	1,166 50
February	67	592,407	80	80,337	96	10,982	9	2,918	83,255	686,644	732 50
March	120	816,584	47	56,083	126	85,417	19	3,954	60,037	911,988	1,072 00
April 1st to April 8, 1900, inc.	25	191,260	23	23,080	31	6,145	3	1,370	24,450	221,855	267 50
Totals	916	$6,088,586	503	$924,439	1046	$250,149	251	$62,853	$977,292	$7,316,027	$8,832 50

VIOLATION OF THE BUILDING ORDINANCES REPORTED TO THE DEPARTMENT BY ITS INSPECTORS.

Buildings begun without permits	373
Defects in construction	254
Buildings in a dangerous condition	314
Buildings without proper fire escapes, or necessary safeguards against fire	98
Defective chimneys	6

VIOLATIONS OF THE BUILDING ORDINANCE REPORTED TO THE DEPARTMENT BY THE POLICE.

Buildings begun without permits	111
Buildings in a dangerous condition	33
Notices sent by the Department to persons violating the building ordinances	1051
Dangerous buildings condemned by the Department and taken down	160
Dangerous buildings made safe to the satisfaction of the Department	134
Fire escapes erected by order of the Department	36
Violations of building ordinances reported by the Department to the city attorney for prosecution	206
Prosecution withdrawn by the Department upon compliance with the ordinance and payment of costs by defendant	103
Cases fined by police courts	32
Number of last named which have complied with ordinance	13
Cases dismissed by police courts	45
Cases not acted upon by police courts	26

EXPENDITURES FROM THE FUNDS CONTROLLED BY THIS DEPARTMENT.

Commissioner of Public Buildings.

Salaries of Commissioner, Deputy, Inspectors, Clerk, and Draughtsman		$13,599 96
Salaries of Members of Board of Appeals		720 00
Salaries of local Superintendent and Draughtsman		500 00
		$14,819 96
For keeping and shoeing horses	$1,417 05	
Repairing vehicles and harness	198 07	
Office expenses (miscellaneous)	70 51	
Furniture	30 67	
Printing	284 80	
Stationery	47 35	
Postage	60 00	
Car fares	25 00	
Draughting materials	15 36	
		2,098 81
For horses and buggies		165 00
		$17,083 77

OLD CITY HALL.

Salaries.

For salary of night watchman	$600 00

Current Expenses.

Awnings and repairs to same	$15 15	
Night watch signals	20 00	
Signs	2 69	
		$37 84

Repairs and Alterations.

Carpentry and locksmithing	$46 85	
Plumbing	64 57	
Roof and gutters	161 57	
Asphalt floor (operating room)	98 00	
Painting, glazing and kalsomining	37 40	
		$408 89
For alterations in converting old house of Delegates into 1st District Police Court		966 80
		$2,013 08

SECOND DISTRICT POLICE COURT.

Salary of janitor	$660 00

NEW CITY HALL.

Salaries.

For salaries of janitors	7,306 00

Current Expenses.

For awnings and repairing same	$ 37 00	
Fuel	3,124 55	
Ice	536 13	
Hauling ashes and rubbish	380 38	
Towels and washing same	1,108 84	
Brooms, dusters, and other supplies and petty expenses	1,298 74	6,485 64

Repairs and Alterations.

Carpentry and locksmithing	$231 59	
Plumbing	579 05	
Roofs and gutters	291 65	
Marble work	19 00	
Mason work	43 67	
Iron work	76 46	
Heating apparatus and machinery	212 93	
Painting and glazing	84 65	
Miscellaneous	14 65	1,553 65
		$15,845 29

COURT HOUSE.

Salaries.

For salaries of janitors, engineers, firemen and watchman	$6,890 00

Current Expenses.

Awnings and repairing same	$63 85	
Fuel	992 18	
Ice	265 32	
Hauling ashes and rubbish	175 42	
Night-watch signals	60 00	
Towels and washing same	303 92	
Brooms, dusters and other supplies and petty expenses	502 79	
		2,363 48

Repairs and Alterations.

Carpentry and locksmithing	$66 38	
Plumbing	212 20	
Roofs and gutters	144 85	
Heating apparatus	93 47	
Painting, glazing and papering	238 75	755 15
		$10,008 63

FOUR COURTS.

Salaries,		
For salaries of janitors, engineers, firemen, coal-passers and watchman		$8,560 00
Current Expenses.		
For awnings and repairing same	$ 23 50	
Fuel	2,954 46	
Ice	255 11	
Hauling ashes and rubbish	331 73	
Night-watch signals	36 00	
Towels and washing same	237 00	
Brooms, dusters and other supplies and petty expenses	485 56	4,323 36
Repairs and Alterations.		
Carpentry and locksmithing	$332 86	
Plumbing	70 40	
Roof and gutters	341 85	
Iron work	12 35	
Heating apparatus	658 13	
Painting, glazing, papering and kalsomining	916 26	
Plastering	18 90	
Miscellaneous	6 80	2,357 55
		$15,240 91

PLANS AND SPECIFICATIONS MADE BY THIS DEPARTMENT FOR REPAIRS AND ALTERATIONS OF THE VARIOUS CITY BUILDINGS AND INSTITUTIONS AND FORWARDED TO THE BOARD OF PUBLIC IMPROVEMENTS.

Fire Department.

Engine House No. 3, new sheds and fences.
Engine House No. 6, new front doors.
Engine House No. 15, reconstructed throughout (work not yet done).
Engine House No. 20, new stalls and hose tower.
Engine House No. 25, coal sheds and fences, new granitoid and asphalt floors, new stalls and general repairs.
Engine House No. 31, new asphalt and granitoid floors and new stalls and general repairs.
Engine House No. 32, new granitoid floor, new stalls and general repairs to wagon shed.
Engine House No. 32, two-story storage house for reserve apparatus on lot adjoining engine house 32 (not built).
Engine House No. 32, new asphalt and granitoid floors, new stalls, new plumbing, stairway and general repairs, to engine house (not done).
Also general repairs to Engine Houses Nos. 2, 4, 7, 8, 10, 11, 13, 14, 17, 18, 19, 22, 23, 24, 27, 28, 29, 33, 34, 35, 37 and 38.

Old City Hall.

Plans and specifications for converting the old House of Delegates room into 1st District Police Court.
New asphalt floor in dispensary and general repairs to plumbing and roof.

Four Courts.

Specifications for repairs of fire damage and general repairs.
Painting exterior.

Jail.

Plans and specifications for reconstruction of drains in jail and new W. C.'s in boiler room (this work not yet done) also specifications for repairs of heater and steam pipes and general repairs. Specifications for repairs to roof and gutters.

Temporary City Hospital.

Plans and specifications of repairs to roof, gutters and downspouts, repairs to boilers, laundry machinery and general repairs to plumbing and steam fitting.

Female Hospital.

Plans and specifications of pipe system for heating sterilizers, and general repairs.

Poor House.

Plans and specifications of fire escapes for female pauper building.

Work House.

Plans for ventilators for male cell-house.

New City Hospital.

Plans and specifications for removing the old buildings, grading the lot and excavating for five of the new buildings.

Also plans and specifications for the foundations of four of the new buildings. Contracts have been let and work is now in progress on the above.

This office has also made complete plans for the entire hospital comprising fourteen buildings; has nearly completed working drawings for the erection of four of these, and will soon begin working drawings for two more. These six buildings the construction of which is authorized by Ordinances Nos. 20162 and 20218, are the Isolation Ward for contagious diseases, two stories and basement with 58 beds, and two surgical wards three stories and basement each, with 94 beds.

One surgical operating building, one story and basement, one laundry building and power plant one story and basement, and a kitchen building with quarters for employes, three stories and basement, these providing accommodations for 246 patients and 63 employes.

The buildings as planned are to be fire-proof buildings of the most substantial construction, separated by open spaces between the wards of 60 feet, connected by inclosed corridors, and embracing all the best arrangements and appointments known to hospital practice, constructed of materials best adapted to the procuring of the best sanitary conditions obtainable.

The exterior of the buildings will be perfectly simple, devoid of superfluous ornament and pretension.

The remaining eight buildings which have been planned, but for the construction of which no provision has been made, are five medical wards, an administration building, a dispensary and clinical building and a laboratory building. The fourteen buildings as planned with their connecting corridors, will cover exactly one-third of the ground and will provide accommodations for 526 patients.

Expenditures to Date on New City Hospital.

Salaries of Superintendent and Draughtsmen	$2,019 85
Draughting material	65 47
Payments on Contract No. 5837, for removal of old buildings, grading and excavating	4,280 16
	$6,364 98

Public Buildings.

The repairs made at the various public buildings and institutions during the past year have been only the barest necessities. Of alterations and betterments there have been few and these of little importance.

Rooms have been partially fitted up in the new City Hall for the Recorder of Deeds. Temporary quarters have been made in the old City Hall for the 1st District Police Court. One new building was built and an old one remodeled at the House of Refuge.

The urgent need of radical improvements for all of the institutions, public buildings and Fire Department, is apparent to the most casual observer, and

it will be hardly possible to say anything on this subject that has not been often said before, or to overstate the deplorable condition which the city's buildings are in. Systematic study of the conditions and needs of the city buildings and institutions should be begun at once and plans made for their improvement on an orderly and well digested plan which should consider their future as well as their present needs, so that any extensions or betterments hereafter made shall be parts of a complete and harmonious plan.

In my last report I called attention to the necessity of having complete plans of all of the City Buildings and their sites on file in this office, and I respectfully repeat the request then made, for means with which to make the necessary surveys and drawings and complete the partial records now in this office, which in their present state are of but little value.

Respectfully submitted,

C. F. LONGFELLOW,
Commissioner of Public Buildings.

ANNUAL REPORT

OF THE

Park Commissioner of the City of St. Louis,

For the Fiscal Year Ending April 9, 1901.

OFFICE OF THE PARK COMMISSIONER,
CITY HALL, April 9th, 1901.

To the Honorable Board of Public Improvements:

GENTLEMEN — In conformity with the Charter, I make to your Honorable Board, my report of the work done and moneys expended in the public parks under my control, and the condition of the parks during the fiscal year 1900–1901.

During the past year the appropriations for park maintenance was largely reduced, and no money was given for new improvements, many of which are badly needed, but I have done my utmost to keep up the various parks to the high standard looked for by our citizens.

In view of the approaching World's Fair, special attention should be given to all our parks, but more especially Forest Park, which is already famous from the Atlantic to the Pacific and we ought to strive to have our whole park system trimmed up and in its best dress for the millions of guests who will pour into our city.

A park is not like a house on which you can place the painters and decorators, and in short notice have a clean and rejuvenated structure, but in your park improvements everything has to have time, nature must be given a chance, and once a park is allowed to run down it is the work of seasons to restore it to its former position of grace and beauty.

PARKS.

THEIR NECESSITY AND USE IN AMERICAN CITIES.

We read that when man was created, he was placed in an environment suited to his physical and intellectual well-being, — amid the trees and shrubs of Eden Park. He has never at any age of the world deprived himself of these conditions without loss. However near to nature's heart he may have lived in the early ages of the world, it cannot be denied that modern conditions have, perforce, taken him from the trees and flowers and to a large extent from the earth, and have sent him to the tops of sky-scraping flats and tenements.

When a man's home consists of apartments in the top story, and he works all day in a large shop, where one thousand other men jostle and crowd him, he needs the soothing and restorative influences which nature alone can give him. When a city reaches the tall building and big factory stage of growth,

parks have already become a necessity. In proof of this recognized necessity, we have only to point to the magnificent parks generously provided and maintained by other municipalities. No one will for a minute charge the authorities of the following cities with having made great mistakes in establishing and maintaining parks. On the other hand, the cities that already have large park areas are the very ones that are increasing their parks both in number and size.

Park	Area, Acres.	No. of People to One Acre of Park.
Baltimore	1,200	362
Boston	2,094	370
Boston (Metropolitan)	10,000	....
Brooklyn	760	1,061
Buffalo	940	272
Chicago	2,425	452
Cleveland	1,100	275
Council Bluffs	647	33
Detroit	885	232
Indianapolis	116	900
Louisville	1,079	150
Lynn	1,600	35
Milwaukee	398	514
Minneapolis	1,476	112
Newark	2,000	91
New Bedford	227	180
New York	5,175	293
Omaha	543	238
Philadelphia	2,791	378
Pittsburg	707	337
Plymouth	500	15
Portland	100	364
Saint Louis	2,380	190
St. Paul	600	222
Toledo	700	116
Wilmington	241	250
Washington	1,720	137
Dayton	12	7,111

To meet the natural craving for the restful shade and sylvan bowers of nature's own construction, when

> "The trees always generous and kind,
> Pour their oil and wine on the smarts of the mind."

Two general plans are usually followed, viz.:—

I. Large public parks.

II. Numerous small parks distributed throughout the city. Taking up the first of these systems, let us have Frederick Law Olmstead's definition of a large public park: "By a large public park is not meant one covering more than a certain number of acras, but one large enough to contain a complete natural landscape, where the boundaries will not be obtrusive; where city conditions will not be unduly apparent; where thousands of visitors may enjoy the scenery at the same time without crowding each other, where those who especially seek seclusion may find parts so remote from the boundaries that city houses, if not completely hidden, may be reduced in distant perspective to inconspicuous proportions as compared with the foliage of the trees and other natural objects on the foreground. So remote from the roar of street traffic that it is less noticeable than the rustle of the foliage stirred by the breeze, of the songs of birds, of the sounds of insects.

We are fortunate in that the founders of our city builded so wisely in giving us our noble Forest Park, where the definition above is so completely met; also our Carondelet and O'Fallon Parks which form splendid breathing places for those living in the north and south portions of the city.

Still with all that has been accomplished, we fall far short of the progress that has been made, and the money expended by many other cities, notably Chicago, with which we are likely to be compared during the coming exposition.

Lincoln Park, which has an area of 306 acres, expended in 1892 the sum of $370,000 in maintaining and improving the park. Both the south side and the west side Commissioners spend about an equal sum on their respective systems, and at the last municipal election in Chicago, it was voted to expend $2,500,000.00 for providing a series of small parks in the crowded portions of the city.

SMALL PARKS AND CHILDREN'S PLAYGROUNDS.

It should be remembered that this system in no way conflicts with the large park idea, as the purposes are altogether different. Several sections of the city are without these desirable breathing places. Children's playgrounds are a crying need in all sections of the city. The public streets afford the only play ground the children of many of our citizens have at their command.

The value of small parks and public playgrounds to inhabitants of the immediate community, who use them daily, has been the subject of much study. The matter was thoroughly investigated by a special committee in New York City, appointed under Mayor Strong, from whose report we quote: "With common accord the precinct captains attribute the existence of juvenile rowdyism and turbulence to the lack of better playgrounds than the street. The juvenile population, reports the captain of the Thirteenth Precinct, has of late been growing worse. The reason is plain — increasing population and want of proper playgrounds."

Children play in the streets amid their dangers, and break lamps and windows because no other provision is made for them. Thus they can play only in defiance of the law, and later defy the laws of their country in worse ways.

On the other hand when small parks have been established, the change in the character of the population is marked. The captain of the Twelfth New York precinct says: "The Hook gang is gone. It has disappeared since the establishment of Corlears Park." The Sixth Precinct (N. Y.) police captain reports that since the establishment of Mulberry Bend Park, "the whole neighborhood had changed."

The question ought to engage the serious attention of our citizens. In the whole section of the city occupied by the tenement house class, a district fully four miles long by two miles wide with over 250,000 people crowded into it, we have but one small park, Carr Square, from which we can only give about one hundred yards square for the benefit of the children.

The whole question of an adequate provision for the maintenance of the park system shall be studied at the same time that our Charter Revision is under consideration. Most cities have a certain tax levy for this purpose and it would be well to consider whether this would not be a better way to raise the revenue, than to have a fluctuating revenue, which cannot be depended upon from year to year.

I append herewith a table showing the appropriations for the past ten years, for the parks under the control of the Park Commissioner: —

	Forest Park.	Other City Parks.	Total.
1891–1892	$47,225	$34,690	$81,915
1892–1893	65,200	86,900	105,100
1893–1894	30,115	38,955	69,070
1894–1895	42,000	37,355	79,355
1895–1896	48,800	43,950	92,750
1896-1897	45,525	41,000	86,525
1897–1898	52,400	39,365	92,035
1898–1899	49,500	53,305	102,805
1899–1900	55,300	56,100	111,400
1900–1901	41,000	38,700	79,780

From the above it will be seen that the past year's appropriation was totally inadequate for the proper maintenance of the various parks, especially Forest Park.

This year I have asked for the following amounts for maintenance and improvements of Forest Park, Carondelet Park and O'Fallon Park, and sincerely hope that the Municipal Assembly will allow enough to place all our parks in a shape that we may still continue to be able to show them to our visitors with pride and pleasure and as being worthy of a World's Fair City.

FOREST PARK.

New macadam and gravel roads, gutter and draining	$6,000 00
New Jefferson Bridge	7,500 00
Straightening Channel River des Peres	3,500 00
Three new foot bridges, River des Peres and to islands in lake	3,000 00
New Shelter House	3,000 00
Extension Granitoid walks to Music stand	3,000 00
New propagating houses and heating apparatus	6,000 00
	$32,000 00

CARONDELET PARK.

Grading and enlarging lake	$3,000 00
Gravel walks and water supply	1,500 00
Improving roads	1,500 00
	$6,000 00

O'FALLON PARK.

Gravel walks and improving Glen	$1,500 00
Improving roads	1,500 00
Fence on north side of Park	700 00
Grand near Florissant avenue	700 00
	$4,400 00

FOREST PARK.

ESPECIAL NEED FOR A LARGER AND SAFER ENTRANCE ON THE MAIN DRIVEWAY.

One of the greatest needs of Forest Park is for an adequate entrance on the main driveway. I have repeatedly called attention to the congested condition of this archway under the Wabash tracks which now spans this driveway. Pedestrians, bicycles and vehicles of all sorts form in the crowded driving hours a struggling mass, as the traffic from a sixty-foot road and ten-foot sidewalk has to pass through a forty-foot archway. We have had several serious accidents here, but fortunately not during the crowded times. This bridge should be replaced with one in keeping with the surroundings. I have had a sketch prepared for a seventy-foot bridge of ornamental masonry which would cost about $30,000.00, and which would add inestimably to the appearance and value of the driveway.

JEFFERSON BRIDGE.

The Jefferson Bridge in the southeast portion of the park, is an old wooden bridge which is rotted and unsafe. The main girders have been strengthened several times, but now a new bridge is absolutely necessary. This should be a permanent masonry structure.

STUEBEN BRIDGE.

The Stueben Bridge at the western end of the park is also a very old wooden bridge, which has been repaired and patched up year after year, until it will hardly hold a nail. This should be replaced with a masonry bridge. I have had estimates prepared for these two bridges, and find it will cost about $15,000.00 to build ornamental and picturesque structures to correspond somewhat with the Franklin Bridge.

WOODEN FOOT BRIDGES.

Several of the wooden foot-bridges over the River des Peres in various parts of the park need renewing. These were erected about ten years ago, and should be replaced with more permanent structures.

RIVER DES PERES.

In regard to the River des Peres I cannot do better than report from my annual report for 1897: —

"The whole question of the proper solution of the flood of the River des Peres Valley in Forest Park, has been forced upon our attention by the floods of March and April, this year. The flood of April 1st was the highest that has been known in Forest Park. I have prepared a map of the flooded area, showing that two hundred and fifty-one acres of the park were submerged on that occasion, to its great detriment. Several causes have contributed to this result.

"With a change of 13,000 acres which this branch of the River des Peres drains from agricultural land to acre property, there has come extensive drainage, which carries off all the rainfall from the territory in a few hours, instead of being distributed over as many days, hence the capacity of the channel will have to be correspondingly enlarged if we are to avoid constant overflows every spring in the future. The tortuous course of the river also retards its progress with its sharp bends; these should be straightened out as much as possible.

"The present length of the River des Peres in the park, measured along its bed, is four and one-tenth miles, which can be reduced to about three miles by proper treatment. Again several bridges over the River des Peres both within and immediately adjoining the park, during the past year have been built; these have tended to back up the flood waters.

"Another question which will arise very shortly in connection with the River des Peres, will be how to deal with the sewerage. It will never do to permit the river to become an open sewer, but if allowed to remain as at present it is only a question as to the length of time that will elapse before it becomes such."

LARGE LAKE AND ISLANDS.

The large lake should be enlarged, improved and its banks planted in clusters of shrubs and evergreens. The islands in the lake are now practically useless. These should be connected to the shore, and to each by ornamental bridges. Walks should be constructed and a shelter house erected on the islands, and a

neat boat landing built. The low-lying meadow just north of the lake which overflows after every heavy rain should be raised and underdrained.

PARK'S WATER SUPPLY.

The general system of water supply in the park needs extending, so as to facilitate the sprinkling of roads, and a larger main pipe through the park is required.

ROADS AND WALKS.

During my term of office, I have had built about four miles of improved gravel road. There are still about twelve miles of dirt road in the park, and of these about four miles should be improved so that every portion of the park may be accessible.

About a mile of granitoid walk should be laid, so as to connect present walks up to and around the music pavilion.

GREEN HOUSES INADEQUATE.

We are badly in need of a good palm house. At present we have to store the palms in an old wooden building totally unfitted for the purpose, and where they cannot be seen by the public.

What a magnificent monument it would be to some citizen's generosity and thought for others to erect this much desired and much needed structure.

The propagating houses some of which were old ones removed to Forest Park from the smaller parks, will have to be rebuilt in the very near future. They are getting so rotten that they will hardly hold the glass and cannot be kept weather tight.

The potting shed is also old and rotten and will have to be rebuilt.

The heating apparatus was installed when the green house plant was a small one, and is now inadequate for the present houses.

At the green houses at Forest Park are grown the ornamental plants and flowers for the nineteen other parks and City Hall grounds. This is a heavy tax on the plant as each year we aim to make the planting more extensive.

NEW SPEEDWAY.

There is a general demand for a speedway, and a desirable place would be the road south of half-mile track.

CARONDELET PARK.

Carondelet Park, bounded by Loughborough avenue on the south and Kansas street on the north side, is nearly a mile long. This park is naturally rolling and undulating, thus forming an ideal position for a park, being mostly a succession of conical sinkholes. The park is well stocked with fine shade trees, and has been judiciously planted with groups of evergreens.

ROADS NEED RENEWAL.

The roads are well laid out, but need a great deal of renewals and repairs to the wearing surface. Some of the roads are unimproved and should be completed.

There is no fence around this park except on the Loughborough avenue side, which was built in 1897.

Substantial terra cotta molded and ornamental entrance posts have been erected to the four driveways to this park in the past year.

LAKE SHOULD BE RAISED.

The lake is poorly located and should be enlarged and raised. It is unbear-

ably hot on this lake in the summer boating season, as no air can get to the water surface. Therefore the lake is practically useless.

BENTON PARK.

Benton Park, located in the midst of a thickly inhabited district on Jefferson avenue and Arsenal street, has a naturally undulating surface and is an ideal city park. There are two lakes here, one being used for a lily pond.

LAKE SHOULD BE RAISED.

The larger lake is situated over the old English caves and causes a great deal of trouble through the fissures in the rock. This lake should be made with a concrete bottom over the whole surface north of the bridge, as at present a four-inch stream of water has to be kept constantly running to replenish that which constantly oozes out of the cracks at the bottom. We also badly need a shelter house in this park.

O'FALLON PARK.

THE BEAUTIFUL GLEN SHOULD BE MADE MORE ACCESSIBLE.

O'Fallon Park, situated on the bluffs overlooking the Mississippi river, has a fine natural location. The roads were never properly improved and a good deal of money would be required to put them in proper condition.

The glen in this park is one of the prettiest that can be imagined even in its wild state. Walks should be made so as to make it accessible, and a couple of bridges are needed, and a general cleaning up and overhauling so as to enhance and show its beauty.

I wish to call attention again to the matter of a uniformed park police. While I wish to add my testimony to the efficiency of the Metropolitan police who are stationed in the parks, yet there are many duties they cannot perform, or which could be more efficiently done by uniformed park watchmen under the direct control of the Park Commissioner, and I most earnestly request that some provision be made for providing these watchmen. A night watchman is needed at once to protect the plants in Washington Square around the City Hall.

I herewith append the Park Superintendent, Mr. Pape's, report on his work in the various parks during the year: —

SAINT LOUIS, April 9th, 1901.

REPORT ON PARKS AT THE END OF THE FISCAL YEAR OF 1900-1901.

BENTON PARK.

Benton Park is in a very good condition. About sixty trees and shrubs have been planted this spring, filling out the barren places. The park is well established except in the southeast corner, which needs about 400 feet of stone gutter.

CARONDELET PARK.

The grading of the new baseball grounds has just been completed and many other improvements have been made in the last year. About two hundred trees and shrubs have been planted this spring. It is very necessary that a water closet be built near the baseball grounds. There is no fence along Ninth street, and the roads all need a top dressing.

CARR SQUARE.

Carr Square has been in a favorable condition. The appropriation was very limited last year, and hardly gave us enough to maintain the park. The iron fence around the park needs painting, and also the fountain and tool house.

FOUNTAIN PARK.

Owing to the limited appropriations for Fountain Park we were not able to make any improvements, but we have kept the place up to the standard as much as possible. The lawns are very good and a liberal amount of trees which were planted last year are growing nicely. The fence around the place is very dilapidated, and a special appropriation is needed for same.

GAMBLE PLACE.

Gamble Place is well established and well visited, as it lies in a thickly populated part of the city. The center walk is a thoroughfare from Gamble to Dayton street and should be granitoid instead of cinders.

GRAVOIS PARK.

Gravois Park has had a very small appropriation last year and owing to same we have not been able to maintain it properly. The roof on the keeper's house is very bad and leaks in more than a dozen places. The benches have not been painted for several years. The lawns are in good condition. The cinder walks wash away at every heavy rain as there are no gutters and needs proper drainage.

HYDE PARK.

Hyde Park is well established and is one of the prettiest of the smaller parks in the city. The iron fence around it has not been painted for several years, and would save a great deal of labor if it were done this year. The border of the lake should be improved and the benches and musical pavilion be painted.

JACKSON PLACE.

Jackson Place is in a thickly populated part of the city and from three to four thousand people pass through it daily. The center walk is a regular thoroughfare, and a granitoid walk would be of great service.

KENRICK GARDEN.

Kenrick Garden has been maintained very well considering the small appropriation it received. The lawns are good except the extreme east point of the place, which was formerly a dumping ground, and cinders and all kinds of rubbish lie in this place. A hedge of 1,500 plants has been planted around the place and the flower beds have been changed. There is only an inch water pipe supplying the place, which does not afford enough pressure to use a lawn sprinkler; it should be a two-inch pipe.

LYON PARK.

Lyon Park is in a very good condition. The fence built along Second street and Utah street was a great improvement. The lawns, trees and shrubbery are in good shape. The dam separating the two lakes ought to be taken out as only one lake has a drain, and the water in the other becomes stagnant during the hot summer months. The fence on Broadway and also on Arsenal street should be repaired and painted. The tool house needs painting badly.

LACLEDE PARK.

Laclede Park is well established and has been maintained as well as could be expected. The lawns are in good shape and enough trees are in the place to afford excellent shade. About thirty young trees have been planted this spring.

O'FALLON PARK.

O'Fallon Park has been kept in a fairly good condition but should have many improvements. The stables, pavilion and tower and outhouses have not been painted since they were built, and that paint is all worn off, leaving the wood exposed to the sun and weather. A fence should be built along the north line of the park. Most all the roads need a top dressing of gravel. About two hundred trees have been planted this spring, and the flower beds have been changed.

ST. LOUIS PLACE.

St. Louis Place is composed of four parks, three keepers having charge of same. The entire place must be cut with lawn mowers as often as two or three times a week during the hot summer months to make it look well. A new iron fence should be erected all along the east side and over half of the west side. The two southern portions have no tool house, which makes it very inconvenient.

SOUTH ST. LOUIS SQUARE.

This is a small park in a thickly populated neighborhood of South St. Louis. Enough trees are in the park to afford good shade, and the lawns are in good shape. The fence around is very bad, and the benches must be repaired and painted.

WASHINGTON SQUARE.

Washington Square surrounds the City Hall, has the best care and attention but the appropriation last year was so small that it was impossible to maintain it properly. One hundred and fifty new trees have been planted this spring.

INDIANA AVENUE AND UTAH.

This park has only had very few improvements, all having been done within the last two years. It is very necessary that a water pipe be laid through the place, and a small tool house should be built.

FOREST PARK.

Forest Park has been maintained in a fairly good shape; about 2,000 trees and shrubs have been planted this spring. There are many improvements to be made. The road along the south side of the race track should be improved, and made an improved road.

The palm house is entirely too small and should have an addition. We also need new propagating houses. A new shelter house should be erected on picnic grounds No. 7 or 8, as the nearest place for shelter is at least three-fourths of a mile away. One of the foot bridges across the River des Peres has become unsafe, and should be replaced by a new one. Two new foot bridges from the road to the islands in the large lake would be a great improvement, and the road leading to the southwest corner of the park should be improved.

I append for your information and that of the public a short description of the parks not under the control of this department.

THE MISSOURI BOTANICAL GARDEN (SHAW'S GARDEN)

is situated on Tower Grove avenue, between Shaw and Magnolia avenues, and comprises sixty-five acres, containing the Botanical Garden, Fruticetum, Arboretum, and a newly graded addition devoted to a synopsis of the North American flora, arranged after landscape plans by the well-known firm of Olmsted Brothers. Its principal features are the great variety of beautiful bedding plants displayed in the summer; the lily ponds, in which, with the

best other pond lilies, are grown the Amazon lily and the Gorgon plant; and the conservatories, in some of which are arranged collections of classes of plants, like ferns, cactuses, yuccas, and acacias, planted out so as to give an idea of their natural growth. The late residence of Henry Shaw, — from the tower of which, rising from behind a grove of sassafras trees, this part of the city derived the name of Tower Grove, — now used as the residence of the Director of the Garden, and the late city home of Mr. Shaw, which after his death was removed from the corner of Seventh and Locust streets and now serves as the herbarium and library building of the Garden, as well as a beautiful little gate-house cottage at the head of Cleveland avenue, and a lodge for garden pupils opposite the entrance to Tower Grove Park, are also interesting to many people. About 10,000 distinct kinds of plants are cultivated in the Garden; and the herbarium, which contains about 350,000 specimens of dried plants, and the library, which contains 35,000 books and pamphlets, are unexcelled in the country, and afford the basis for a large amount of research work which is carried on and published at the garden each year.

TOWER GROVE PARK,

on Grand and Magnolia avenues. has 266.76 acres. It contains magnificent drives, splendid lawns, and a great variety of coniferous and deciduous trees of stately growth and appearance. The entrances on Grand avenue and Arsenal street are superb and erected at great cost. The surroundings of the music pavilion, embellished with a number of Carrara marble busts of the most celebrated modern composers, make a great impression. Tower Grove Park is otherwise embellished with the statues of Columbus, Humboldt, and Shakespeare, presented years ago to the city by Henry Shaw. The whole park makes an appearance of vast grandeur, and is kept scrupulously clean and in good order.

LAFAYETTE PARK,

containing 29.95 acres, on Lafayette and Mississippi avenues, is a park for pedestrians only, is inclosed with a fine iron fence, has good gravel walks and well-paved gutters.

A picturesque lake with islands, swan and other water-fowl, has a good boating service and a neat iron fence. Close by the lake is a beautiful music pavilion in Moresque style. A Chinese pagoda, rustic summer house, rustic bridge, a smaller lake with rockery, all combine to make this well-planned and well-executed landscape gardening a real jewel of a park.

COMPTON HILL RESERVOIR PARK

contains forty acres, and is on Lafayette and Grand avenues.

It contains the storage reservoir, and is, by well-arranged roads and foot walks, made into a very pleasing driving park. The eastern part of it is shaded by groves of oaks of natural growth. The western part is made into a very imposing floral display, well-kept and always showing the latest productions of our florists.

A very handsome water-tower has just been completed at a cost of $48,000.

I herewith append statements of appropriations and expenditures in the various parks for the past fiscal year, and a table of total cost of purchase, improvement and maintenance of same to date, and remain,

Yours respectfully,

FRANKLIN L. RIDGELY,

Park Commissioner.

BENTON PARK.

1901.	Appropriation		$2,500 00
	EXPENDITURES.		
	Salaries and wages	$2,198 12	
	Tools, supplies, tree	293 55	
	Balance	8 33	
			$2,500 00

CARONDELET PARK.

1900.	Appropriation		$5,200 00
	EXPENDITURES.		
	Salaries and wages	$4,374 76	
	Supplies, forage, trees, etc	504 95	
	Tools and repairs	208 27	
	One mule	110 00	
	Balance	2 02	
			$5,200 00

CARR SQUARE.

1900.	Appropriation		$1,400 00
	EXPENDITURES.		
	Salaries and wages	$1,291 80	
	Supplies, tools and repairs	103 41	
	Balance	4 79	
			$1,400 00

FOREST PARK.

1900.	Appropriation		$41,000 00
	EXPENDITURES.		
	Salaries and wages	$33,758 50	
	Gravel, macadam and road material	1,910 94	
	Forage and shoeing	1,433 23	
	Tools and repairs	708 96	
	Trees and shrubs	1,480 18	
	Lumber, paints and hardware,	1,272 15	
	Other supplies	.....	
	Balance	170 66	
			$41,000 00

FOREST PARK BOULEVARD.

1900.	Appropriations		$300 00
	EXPENDITURES.		
	Salaries and wages	$298 62	
	Balance	1 38	
			$300 00

FOUNTAIN PARK.

1900.	Appropriation		$600 00
	EXPENDITURES.		
	Salaries and wages	$563 43	
	Supplies	28 41	
	Balance	8 16	
			$600 00

GAMBLE PLACE.

1900.	Appropriation	$1,275 00	
	EXPENDITURES.		
	Salaries and wages	$948 28	
	Lumber, paint, hardware, fence	325 80	
	Balance	92	
			$,1275 00

GRAVOIS PARK.

1900.	Appropriation		$975 00
	EXPENDITURES.		
	Salaries and wages	$884 50	
	Tools, trees, repairs and supplies	82 20	
	Balance	8 30	
			$975 00

HYDE PARK.

1900.	Appropriation		$2,175 00
	EXPENDITURES.		
	Salaries and wages	$2,016 25	
	Tools, trees, supplies and repairs	158 02	
	Balance	0 73	
			$2,175 00

JACKSON PLACE.

1900.	Appropriation		$700 00
	EXPENDITURES.		
	Salaries and wages	$666 00	
	Supplies, tools and repairs	27 02	
	Balance	6 98	
			$700 00

KENRICK GARDEN.

1900.	Appropriations		$200 00
	EXPENDITURES.		
	Wages and supplies	$199 85	
	Balance	15	
			$200 00

LACLEDE PARK.

1900.	Appropriations		$1,050 00
	EXPENDITURES.		
	Salaries and wages	$970 61	
	Supplies, tools and repairs	36 38	
	Balance	43 01	
			$1,050 00

LYON PARK.

1900.	Appropriations		$1,900 00
	EXPENDITURES.		
	Salaries and wages	$1,661 64	
	Lumber and paint for fence	223 45	
	Supplies, tools and repairs	11 75	
	Balance	31 16	
			$1,900 00

O'FALLON PARK.

1900.	Appropriations		$5,250 00
	EXPENDITURES.		
	Salaries and wages	$4,661 76	
	Lumber, paints, supplies, repairs	284 52	
	Trees, seed, forage	301 70	
	Balance	2 02	
			$5,250 00

ST. LOUIS PLACE.

1900.	Appropriations		$3,550 00
	EXPENDITURES.		
	Salaries and wages	$3,368 11	
	Paints, supplies and repairs	120 47	
	Tools, seeds, trees	57 05	
	Balance	4 37	
			$3,550 00

SOUTH ST. LOUIS SQUARE.

1900.	Appropriations		$800 00
	EXPENDITURES.		
	Salaries and wages	$725 50	
	Tools, supplies and repairs	66 65	
	Balance	7 85	
			$800 00

WASHINGTON SQUARE.

1900.	Appropriations		$2,250 00
	EXPENDITURES.		
	Salaries and wages	$1,767 81	
	Tools, supplies and repairs	49 64	
	Plants and seeds	428 55	
	Balance	3 90	

PARK COMMISSIONER.

1900.	Appropriations		$8,455 00
	EXPENDITURES.		
	Salaries and wages	$7,087 93	
	Stationery and furniture	365 35	
	Purchase and keep of horses	689 40	
	Repairs and sundry supplies	17 00	
	Car tickets	40 00	
	Balance	255 32	
			$8,455 00

CONCERTS IN PUBLIC PARKS.

1900.	Appropriations		$6,000 00
	EXPENDITURES.		
	Cost of concerts	$5,929 50	
	Balance	70 50	
			$6,000 00

TOTAL COST OF PARKS IN ST. LOUIS, MO.

Parks in Charge of Park Commissioner.

Parks.	Area in Acres.	How and when acquired.	Cost of Purchase.	Improvements and Maintenance.	Total Cost.
Benton Park	14.30	From city coms...1866		$ 113,584 83	$ 113,584 83
Carondelet Park	180.00	By purchase.....1875	$ 140,570 10	190,683 61	331,253 71
Carr Square	2.30	By donation 1842		60,288 65	60,288 65
Dakota Park	3.17	From city coms...1812		3,037 24	3,037 24
Forest Park	1371.94	By purchase.....1874	849,058 61	1,408,209 84	2,257,267 45
Forest Park Boulevard	4.33	By donation..... 1899		598 53	598 53
Fountain Park	1.50	By donation.....1889		6,016 66	6,016 66
Gamble Place	1.15	Donated by city..1874		22,270 20	22,270 20
Gravois Park	8.20	From city coms..1842		35,486 01	35,486 01
Hyde Park	11.84	By purchase 1854	36,250 00	126,386 08	162,636 08
Indiana av. and Utah st.	1.75	Donated by city..1899		919 40	919 40
Jackson Place	1.62	By donation 1879		35,264 39	35,264 39
Kenrick Garden	0.72	Donated by city..1896		1,020 85	1,020 85
Laclede Park	3.17	From city coms..1812		28,532 31	28,532 31
Lyon Park	10.92	U. S. donation 1872		44,842 61	44,842 61
O'Fallon Park	158.32	By purchase.....1875	259,065 33	315,786 59	574,351 92
St. Louis Place	13.88	By donation 1850		142,346 18	142,346 18
South St. Louis Square	1.66	Donated by city..1882		5,009 57	5,009 57
Washington Square	6.00	By purchase.....1840	25,000 00	85,288 61	110,223 61
	1796.77		$1,309,944 04	$2,625,522 16	$3,935,466 20

Parks in Charge of Special Commissioner.

Lafayette Park	29.95	From city coms...1844		$ 494,302 15	$ 494,302 15
Tower Grove Park	206.67	Donation 1868		1,052,561 81	1,052,561 81
Missouri Botan. Garden	50.00	Donation 1890			
Compton Hill R. Park	40.00	Water Department..			
	2183.39		$1,309,944 04	$4,172,386 12	$5,482,330 16

ANNUAL REPORT

OF THE

WATER COMMISSIONER OF THE CITY OF ST. LOUIS,

For the Fiscal Year ending April, 1901.

OFFICE OF WATER COMMISSIONER,
ST. LOUIS, May 21st, 1901.

Honorable Board of Public Improvements:

GENTLEMEN — I have the honor to submit the following report for the year ending April 1st, 1901.

The following table shows the expenditures for operating and maintaining the works: —

EXPENDITURES.

OPERATING AND MAINTAINING.

Commissioner's Office	$ 11,156 92	
Distribution System	17,360 50	
Tap and Meter Department	17,942 74	
High and Low Service Engines	284,231 93	
Settling Basins	84,407 70	
Street Service Department	108,095 35	
Inspection	11,677 26	
Storage Reservoir	8,895 72	
Total gross expenses for operating and maintaining		$543,768 12

RECEIPTS.

Tap and Meter Department	$7,151 61	
Street Service Department	15,512 63	
High and Low Service Engines	7,292 14	29,956 38
Net expense of operating and maintaining works		$513,811 74

EXPENDITURES.

EXTENSION OF WORKS.

For extending Distribution System		$471,977 89
For reconstructing High Service Station No. 1		59,314 46
For High Service Engines	$178,076 74	
For High Service Building	4,510 31	182,587 05
For Stand Pipe No. 8 at Compton Hill		15,789 20
For Pump Main No. 9		72,206 25
For Low Service Engines		8,704 80
For revetment of river bank at Chain of Rocks		48,318 21
For Maline Creek Bridge		17,842 21
For Water Works Extension, Salaries and Expenses	30,460 22	
Less condemned horses sold	70 00	30,390 22
Total expended on extension of works		$907,130 29
Making a total expenditure for operating, maintaining and extending the works during the year of		$1,420,942 03

A detailed statement of the above expenditures is given in tables "C" 1 and "C" 2 and "D" 1 to "D" 18 inclusive, appended.

PUMPING DEPARTMENT.

The work done by the High Service and Low Service pumping stations is given in the three following tables, viz.: —

LOW SERVICE STATION, CHAIN OF ROCKS.

RECORD OF WORK DONE BY LOW SERVICE ENGINES.

MONTH.	Engine No. 4.		Engine No. 5.		Engine No. 6.		Engine No. 7.		Engine No. 8.		Engine No. 9.		Coal in Bushels.	Ashes in pounds.	U. S. Gallons Water Pumped.	Bu. Coal per Mil. Gals.
	Hours. Minutes.	Revolutions.	Hours. Minutes.	Revolutions.	Hours. Minutes.	Revolutions.	Hours. Minutes.	Revolutions.	Hours. Minutes.	Revolutions.	Hours. Minutes.	Revolutions.				
April, 1900	91-25	59,000	484-35	354,400	307-05	231,200	205-50	156,900	.....	.....	477-45	373,400	25,025	413,050	1,750,460,000	14 3
May, "	291-35	215,700	525-00	387,100	321-55	239,700	179-15	134,600	.....	.....	568-45	442,600	28,370	490,540	2,047,920,000	13 8
June "	80-45	61,200	109-25	79,300	697-35	519,900	648-55	489,000	75-10	58,100	102-20	79,600	26,600	446,950	2,016,650,000	13.2
July, "	121-25	87,100	11-20	8,400	450-30	334,300	370-15	278,100	437-35	337,400	418-20	322,900	28,953	498,450	2,160,790,000	13.4
August, "	46-20	34,600	43-35	34,100	282-10	206,900	305-10	227,700	658-15	506,200	644-20	495,200	32,261	546,300	2,386,990,000	13.5
September, "	108-45	77,000	214-30	163,300	274-30	204,400	294-50	219,700	508-25	393,900	465-50	358,200	27,665	401,300	2,172,550,000	12 7
October, "	31-30	23,200	48-55	36,000	94-45	72,700	224-20	168,800	635-00	495,200	628-15	488,100	25,520	367,100	2,005,550,000	12.7
November, "	34-00	26,500	82-05	60,100	186-30	144,900	148-05	114,400	466-20	363,300	556-25	428,800	25,053	354,350	1,739,130,000	14.4
December, "	24-55	19,300	1-20	1,400	441-00	341,200	447-05	342,900	262-45	204,300	269-00	207,700	26,115	373,600	1,744,540,000	15.0
January, 1901	96-15	73,600	55-10	41,400	111-50	86,100	150-20	114,600	544-40	422,600	484-35	375,300	26,775	398,700	1,692,370,000	15.8
February, "	83-15	62,500	.....	.....	310-25	237,900	307-40	236,500	334-50	258,900	318-30	245,800	24,855	361,850	1,602,510,000	15.5
March, "	150-05	117,500	.....	.....	368-45	284,900	435-20	340,600	225-30	177,000	221-15	173,300	25,075	352,100	1,677,290,000	14 9
Totals	1,160-15	857,200	1,575-55	1,165,500	3,847-00	2,904,100	3,717-05	2,823,800	4,148-30	3,216,900	5,155-20	3,990,900	322,267	5,004,290	22,996,750,000	14.0

Total number of hours pumping, 19,604-05.
Total number of revolutions, 14,958,400.

HIGH SERVICE ENGINES, BISSELL'S POINT.

RECORD OF WORK DONE BY HIGH SERVICE ENGINES.

MONTH.		Engine No. 1.		Engine No. 2.		Engine No. 3.		Engine No 4.		Engine No. 5.		Engine No. 6.		Coal in Bushels.	Ashes in Pounds.	U. S. Gallons Water Pumped.	Bu. Coal per Million Gals.
		Hours. Minutes.	Revolutions.	Hours. Minutes.	Revolutions.	Hours. Minutes.	Revolutions.	Hours. Minutes.	Revolutions.	Hours. Minutes.	Revolutions.	Hours. Minutes.	Revolutions.				
April,	1900	.....	.....	283-55	190,800	547-55	326,700	94-20	67,100	.....	.....	79-15	56,300	58,175.5	1,017,374	736,884,100	78.9
May,	1900	.....	.....	463-35	327,200	133-00	82,200	31-50	28,700	416-40	296,300	265-55	189,200	71,725.5	1,147,777	933,790,600	76.8
June,	1900	526-00	358,500	143-00	97,000	.....	.....	102-30	74,500	384-15	276,000	356-10	252,400	82,163.0	1,343,002	1,035,625,000	79.3
July,	1900	204-10	143,500	497-35	354,800	.....	.....	24-00	17,200	322-30	234,900	694-15	498,400	91,588.3	1,425,399	1,223,885,000	74.8
August,	1900	531-15	376,300	226-05	165,200	.....	.....	216-30	160,900	666-50	506,400	502-45	375,500	116,661.5	1,831,572	1,557,225,000	74.9
Sept.,	1900	.....	.....	313-40	230,000	328-50	193,300	315-05	232,200	373-15	273,800	344-45	248,300	94,184.8	1,494,116	1,228,535,900	76.7
October,	1900	.....	.....	103-35	69,500	534-50	297,000	194-50	142,200	372-40	264,400	176-05	128,300	77,320.6	1,285,931	956,805,000	80.8
Nov.,	1900	.....	.....	138-20	100,700	432-25	240,790	5-30	3,800	214-50	156,300	267-00	184,600	62,143.6	1,059,936	731,005,000	85.0
Dec ,	1900	.....	.....	41-35	27,100	373-10	210,700	25-00	18,600	425-35	306,400	141-50	94,400	60,154.1	1,045,567	698,730,000	86.3
Jan.,	1901	.....	.....	.....	.....	204-20	113,200	674-00	492,900	.....	.....	201-25	141,600	64,416.5	1,030,905	749,935,000	75.7
Feb.,	1901	.....	.....	.....	.....	301-50	175,750	291-05	213,300	310-50	218,800	.....	.....	52,731.4	864,700	638,905,000	82.5
March,	1901	.....	.....	.....	.....	99-45	59,500	.....	.....	328-20	230,800	446-55	317,400	53,266.5	879,149	598,140,000	89.1
Totals. ...		1,261-25	878,300	2,211-20	1,562,300	2,956-05	1,699,000	1,974-40	1,451,400	3,815-45	2,764,100	3,476-20	2,486,400	884,531.3	14,424,428	11,087,465,600	79.8

Total number of hours pumping.....15,695-35
Total number of revolutions.....10,841,500

HIGH SERVICE STATION, BADEN.

RECORD OF WORK DONE BY HIGH SERVICE ENGINES.

MONTHS.	Engine No. 7.		Engine No. 8.		Engine No. 9.		Engine No. 10.		Coal in Bushels.	Ashes in Pounds.	U. S. Gallons Water Pumped.	Bus. Coal per Mil. Gals.
	Hours. Minutes.	Revolutions.	Hours. Minutes.	Revolutions.	Hours. Minutes.	Revolutions.	Hours. Minutes.	Revolutions.				
April, 1900	554-15	506,500	508-20	456,600	417-10	369,100	625-40	464,100	33,161.3	582,494	891,618,000	37.2
May, "	424-10	397,600	558-10	480,200	578-35	427,100	667-40	489,300	35,456.8	610,843	946,008,000	37.5
June, "	486-40	445,700	466-55	408,800	609-10	454,500	596-55	440,800	34,358.1	611,111	922,929,000	37.2
July, "	638-40	582,300	417-35	373,900	542-10	419,500	630-45	487,000	36,238.2	655,602	972,699,000	37.3
August, "	476-40	453,000	390-50	349,000	646-00	523,900	695-15	556,500	36,429.1	660,141	1,017,492,000	35.8
September, "	484-00	461,600	486-45	443,200	648-04	529,800	542-35	422,600	34,008.2	534,959	980,028,000	34.7
October, "	390-10	384,600	529-10	492,880	575-25	460,700	677-20	551,300	34,784.5	543,364	1,006,068,000	34.6
November "	498-00	482,300	401-50	377,600	600-55	474,100	663-20	531,300	35,905.4	549,969	994,560,000	36.1
December, "	479-50	477,100	488-55	476,900	594-25	492,700	665-40	558,800	37,721.7	585,139	1,063,125,000	35.5
January, 1901	418-50	416,000	386-30	368,400	565-35	502,500	673-25	601,600	38,724.8	689,698	1,025,031,000	37.8
February, "	435-10	431,900	337-30	334,700	528-00	470,500	614-05	559,000	37,880.7	664,635	970,557,000	39.0
March, "	601-30	601,200	556-55	553,100	449-45	406,000	621-50	577,100	41,757.3	696,203	1,104,159,000	37.8
Totals	5,847-55	5,639,800	5,529-25	5,115,200	6,755-50	5,470,400	7,674-30	6,239,400	436,436.1	7,383,258	11,894,274,000	36.7

Total number of hours pumping, 25,847-40.
Total number of revolutions, 22,464,800.

The expenses chargeable to pumping were as follows: —

	High Service, Bissell's Point.	High Service, Baden.	Low Service, Chain of Rocks.
Coal, 420,313.8 bushels @ $0.0450..	$18,914 12	.....	.....
Coal, 464,217.5 " @ 0.0560..	25,996 18	.....	.....
Coal, 175,653.5 " @ 0.0474..	.....	$8,325 97	.....
Coal, 260,782.6 " @ 0.0596..	.....	15,542 64	.....
Coal, 141,209 " @ 0.0478..	.....	.....	$6,749 79
Coal, 181,058 " @ 0.0596..	.....	.....	10,791 05
Salaries of engineers, mechanics and laborers	48,218 13	29,265 33	26,276 82
Repairs and reconstruction of engines and boilers	10,089 44	12,535 99	10,630 27
Engine and machine shop supplies.	3,853 00	4,515 48	5,629 17
Totals	$102,070 87	$70,185 41	$60,077 10

The pumping expenses per million U. S. gallons were: —

	High Service, Bissell's Point.	High Service, Baden.	Low Service, Chain of Rocks.
Coal	$4.050	$2.007	$.762
Salaries of engineers, mechanics and laborers	3.898	2.460	1.142
Repairs and reconstruction of engines and boilers	.910	1.054	.462
Engine and machine shop supplies.	.348	.379	.244
Totals	$9.206	$5.900	$2.610

GENERAL REPAIRS OF ENGINES AND BOILERS.

LOW SERVICE STATION, BISSELL'S POINT.

The engines have not been in use during the past year, but have been kept in good repair.

LOW SERVICE STATION, CHAIN OF ROCKS.

Engines Nos. 6 and 7 have been cleaned and painted, and new valves, springs, cups, and spindles have been put in.

General repairs have been made on the other engines and on the boilers.

An ice conveyor has been built, and a building erected over it.

The screen house has been painted, a new floor put in, and the screens replaced by new ones.

HIGH SERVICE STATION NO. 1.

Engines Nos. 1 and 2 have been taken out, and the foundations are now being removed in preparation for new engines.

The pin for connecting bucket to plunger in No. 3 engine came loose; the plunger was taken out, carried by rail to Baden, bored out and bushed pin fitted in, returned to Bissell's Point and put in place. New joints were made on the steam chests of Engine No. 3.

The boilers have been kept in good repair, several tubes being replaced with new tubes.

An electric crane has been put in; new galleries have been built, and the interior is being repainted.

HIGH SERVICE STATION NO. 2.

Metallic packing has been put in stuffing-box for upper piston rod of engine No. 4. The engines have been kept in good repair.

New fire doors have been put on the boilers.

HIGH SERVICE STATION NO. 3.

The rubber valves of engines Nos. 8, 9 and 10 have been replaced by a set of reground rubber valves. The shells of the main bearings of engines Nos. 9 and 10 have been taken out, examined, and oil grooves for same repaired. All the machinery and the boilers have been kept in good repair.

SETTLING BASINS AND CONDUIT.

The amount of sediment removed from the basins, at Chain of Rocks, is shown by the following table:—

1900.	No. 1.		No. 2.		No. 3.		No. 4.		No. 5.		No. 6.		Cost.
	a	b	a	b	a	b	a	b	a	b	a	b	
May	19	13	22	16	22	10	...	...	...	...	...	...	$ 690 87
June	...	...	...	...	...	6	24	18	24	18	24	12	889 94
July	22	16	22	16	20	14	20	14	...	...	...	6	700 58
August	...	...	19	9	16	10	16	10	20	15	20	15	408 12
September	20	15	...	4	..	...	...	...	...	...	...	...	123 72
October	18	12	18	12	...	12	17	11	17	11	17	11	345 28
Totals	79	56	81	57	76	52	77	53	61	44	61	44	$3,158 51

NOTE.—Columns "a" show the sediment deposited. Columns "b" show the sediment removed by manual labor.

The total amount of sediment deposited in the basins during the year was 863,500 cubic yards, of which 255,000 cubic yards were removed by manual labor, at a cost of $3,158.51, or 1.24 cents per cubic yard.

STREET SERVICE DEPARTMENT.

Water pipe laid by the Street Service force on account of street construction and betterment of the distribution system was:—

4 inch water pipe	24.0 feet.
6 inch water pipe	7829.5 feet.
8 inch water pipe	94.0 feet.
12 inch water pipe	822.0 feet.

THE FOLLOWING WORK WAS DONE ON FIVE PLUGS AND STOP VALVES FROM APRIL 1, 1900, TO APRIL 1, 1901.

	Fire Plugs.	Stop Valves.
Cleaned, oiled and packed	22,156	14,349
Repaired by department	353	71
Repaired on account of damage by street sprinkling	1,780	.....
Moved	30	9
Taken out of service	6	25
Raised	282	4
Lowered	25	6
New plugs and valves set	128	207
Replaced	82	26
New boxes set	257	161
Boxes replaced	574	240
Boxes raised	72	551
Boxes lowered	5	12
Boxes reset	31	24
Check valves cut out	.....	4

MISCELLANEOUS WORK DONE BY THE STREET SERVICE DEPARTMENT FROM APRIL 1, 1900, TO APRIL 1, 1901.

Shut-offs	Street Service Department	646
	Contractors	170
	Plumbers	27
	Elevators	24
	Private	747

Pipe laid for private parties:

3 inch	360 ft.
4 "	381 ft.
6 "	966 ft.
8 "	1378 ft.

Connections made for private parties:

3 inch	12
4 "	10
6 "	14
8 "	2

Connections made for the City 14

Pipes lowered or replaced:

3 inch	35 ft.	12 inch	182 ft.
4 "	35 ft.	15 "	3 ft.
6 "	1821 ft.	30 "	1008 ft.
8 "	33 ft.	36 "	12 ft.

Let on elevators	11	Taps destroyed	171
Joints made new	3121	Leaks dug	314
Joints recaulked	475	Lead pipe disconnected	176
Ferrules drawn	46	Turned on new lines	90
Taps shut	217	Fire plugs run — days, 894¾.	

Labor employed during the past year:

For betterment of system	8 %	For miscellaneous work	4 %
For private work	12 %	For maintenance of system	63 %
For extension of distribution	12 %	For lead pipe work	1 %

TAP AND METER DEPARTMENT.

The work done by the Meter Department is given in the succeeding tables.

	½ in.	¾ in.	1 in.	1¼ in.	2 in.	3 in.	4 in.	6 in.	Total
New Meters set	.....	24	43	26	3	3	1	3	1	104
Meters taken out	.....	3	1	1	1	1	1	1	.....	9
Meters replaced	3	4	3	4	.....	.....	5	6	.....	25

	Tested in Room.	Tested in Place.	Repaired in Room.	Repaired in Place.	New Boxes Set.	New Frames and Covers.	Trips to Works.
April, 1900	40	81	3	85	2	.....	4
May, "	24	60	.....	112	2	.....	5
June, "	39	56	15	100	2	1	7
July, "	32	33	6	101	1	1	4
August "	38	138	5	264	2	1	5
September, "	36	88	5	200	1	1	3
October, "	31	76	3	180	2	1	4
November, "	44	63	2	170	3	3	5
December, "	20	29	6	170	15	11	2
January, 1901	17	7	1	160	9	11	3
February, "	20	11	1	113	19	20	3
March, "	20	49	2	138	4	3	5
Totals	361	691	52	1793	62	53	50

SUPPLY INSPECTION DEPARTMENT.

The following work was done by the Supply Inspection Department: —

	Number of Inspections.	Number in Good Order.	Number of Leaks.	Leaks Reported by Police.	Leaks Reported by Telephone.	Leaks Reported by Tenant.	Notices Served.	Leaks Repaired.	Leaks Shut off.
April 1900	20,884	20,008	876	22	26	23	941	918	213
May "	20,328	19,516	812	10	34	23	860	841	206
June "	16,094	15,352	742	...	48	29	809	775	188
July "	11,557	11,128	429	16	66	33	533	516	161
August "	14,449	13,806	643	33	79	18	761	728	173
September "	12,833	12,230	603	30	124	14	870	846	203
October "	14,388	13,743	645	20	88	37	785	771	156
November "	16,183	15,432	751	23	90	56	920	893	209
December "	19,305	18,414	891	43	116	52	1,100	1,074	212
January 1901	21,132	20,317	871	39	88	27	1,025	1,005	243
February "	17,685	17,075	610	25	94	33	761	751	185
March "	21,790	20,994	796	26	69	9	891	831	147
Total	206,684	198,015	8,669	287	922	354	10,256	9,949	2,296

The repairs of fixtures made on account of notices from the Inspection Department are as follows, viz.:—

Hydrants	2,561	Builders' taps	27
Faucets	2,260	Stop and waste cocks	39
Water Closets	2,899	Stop boxes	75
Pipes	1,955	Fountains	18
Street washers	115		

The following new fixtures have been put in to replace worn-out fixtures on account of notices served by supply inspectors:—

Hydrants	259	Stop boxes	2
Faucets	384	Stop and waste cocks	3
Water closets	46	Street washers	8

THE FOLLOWING IS THE REPORT OF THE NUMBER OF INSIDE FIRE PLUGS AND AUTOMATIC SPRINKLERS EXAMINED AND RESEALED.

	Number of Inside Connections Examined.	Number of Seals Found Broken.	Number of Seals Broken — Authorized.	Number of Seals Broken — Unauthorized.
April, 1900	1,328	378	178	200
May, "	1,856	370	167	203
June, "	1,932	164	124	40
July, "	2,020	180	134	46
August "	2,075	209	155	54
September, "	1,971	173	104	69
October "	2,091	207	150	57
November, "	1,618	165	121	44
December, "	1,863	177	121	56
January, 1901	2,004	210	175	35
February, "	1,869	150	123	27
March, "	2,058	192	168	24
Total	22,485	2,575	1,720	855

AVERAGE DAILY CONSUMPTION OF WATER—"A" 1.

Month.	1899–1900.	1900–1901.	Month.	1899–1900.	1900–1901.
April	53,965,000	54,606,000	November	56,221,000	57,601,000
May	55,999,000	60,288,000	December	58,140,000	56,316,000
June	62,754,000	65,295,000	January	59,724,000	57,145,000
July	64,583,000	71,377,000	February	61,229,000	57,522,000
August	67,841,000	82,545,000	March	55,663,000	55,307,000
September	69,192,000	73,858,000			
October	61,769,000	63,544,000	Average	60,590,000	63,000,000

DISTRIBUTION SYSTEM.

During the past year the thirty-six inch main from Stand Pipe No. 2 has been completed to Grand avenue and Penrose street, which will allow either Stand Pipe to be taken out of service in case of an accident. Twenty inch mains have been laid in McRee avenue from Tower Grove to Grand avenues; Henrietta street from Grand avenue to Nebraska avenue; Nebraska avenue from Henrietta street to Park avenue; Park avenue from Nebraska avenue to Ewing avenue; Ewing avenue from Park avenue to Hickory street; Broadway from Chouteau avenue to Soulard street; Soulard street from Seventh street to Third street; Third street from Soulard street to Trudeau street; Trudeau street from Third street to Broadway.

The twelve inch main has been extended in North Broadway to Baden, adding materially to the supply in that section.

The territory of the High Level System has been increased in order to take in a few remaining high points. Ordinances have been passed to complete the distribution in this district. A sixteen-inch Ross Regulator Valve was set at Grand avenue and Carter avenue between the High and Low Level mains.

The number of fire plugs in service during the past year has been increased from 11.23 to 11.48 per mile of pipe. In the district between Cass avenue and Chouteau avenue and Jefferson avenue and the river, or 1.2 square miles of territory, there are 1,340 fire plugs in service. A cross section of the main taken along Washington avenue shows the carrying capacity equal to thirty-six inch mains.

An experimental sub-station has been in operation at Bissell's Point, beginning September 1, 1900. The force includes one foreman, one clerk, two watchmen, three sets of section men and one horse and wagon. Up to April 1, 1901, the following work has been done at this station, which is included in statement of work done by Street Service Department: —

Fire plugs —			
Cleaned, oiled and packed....	3,022	Raised.....	16
Replaced.....	40	Lowered.....	1
Repaired.....	44	Cut out.....	1
Set new.....	1		
Stop Valves —			
Cleaned, oiled and packed....	2,496	Replaced.....	1
Set new.....	1	Repaired.....	1
Cut out.....	1		
Boxes, Fire Plug —			
Set new.....	1	Raised.....	6
Replaced.....	47	Reset.....	8
Boxes, Stop Valve —			
Set new.....	1	Raised.....	62
Replaced.....	11		
Boxes, Motor —			
Set new.....			8
Shut Offs —			
Street service.....	46	Taps shut.....	8
Contractors.....	17	Let on new lines.....	10
Dug for leaks.....	21		
Joints —			
Recaulked 3 G 4–6" 1–10" 5–12" 1–36".....	14	Made new, 3–4 in. 6–18 in. 2–30 in.....	11
Received telephone messages.....			78

The following is a list of streets now supplied with the High Level Service:

STREET.	FROM	TO
Arlington avenue.....	Minerva avenue.....	St. Louis avenue.
Ailanthus street.....	Suburban railroad.....	Maple avenue.
Arkansas avenue.....	Magnolia avenue.....	Shenandoah avenue.
Arsenal street.....	Jefferson avenue.....	Woods avenue.
Accomac street.....	Hawthorne boulevard....	Oregon avenue.
Allen avenue.....	Compton avenue.....	Michigan avenue.
Albion place.....	Missouri avenue.....	Jefferson avenue.
Alfred avenue.....	Arsenal street.....	Connecticut street.
Belt avenue.....	Delmar boulevard	Cabanne avenue.
Belt avenue.....	Bartmer avenue....	Page boulevard.
Belt avenue.....	Minerva avenue.....	St. Louis avenue.
Burd avenue.....	Minerva avenue.....	Wells avenue.
Burd avenue.....	Easton avenue.....	800 ft. n. of Cote Brilliante.
Blackstone avenue.....	Page boulevard.....	Wells avenue.
Bell avenue.....	Garrison avenue.....	Spring avenue.
Blaine avenue.....	Grand avenue.....	Spring avenue.
Botanical avenue.... ...	Grand avenue.....	Vandeventer avenue.
Bingham avenue.....	Gravois avenue.....	Morgan Ford road.

STREET.	FROM	TO
Brannon avenue	Arsenal street	Old Manchester road.
Bay street	Keokuk street	300 ft. south.
Bartmer avenue	Union boulevard	City Limits.
Bell avenue	King's Highway boul	Clarendon avenue.
Beaumont street	Pine street	Morgan street.
Botanical avenue	Sublette avenue	January avenue.
Beach avenue	Maple avenue	Suburban railroad.
Clemens avenue	Belt avenue	Hodiamont avenue.
Clemens avenue	Rosedale avenue	City Limits.
Cates avenue	Belt avenue	Hodiamont avenue.
Cabanne avenue	King's Highway boul	Clarendon avenue.
Cabanne avenue	Union boulevard	Hamilton avenue.
Cook avenue	King's Highway boul	Union boulevard.
Chamberlain avenue	Maple avenue	Goodfellow avenue.
Cote Brilliante avenue	King's Highway boul	Arlington avenue.
Cote Brilliante avenue	Clara avenue	Goodfellow avenue.
Cote Brilliante avenue	Hamilton avenue	Hodiamont avenue.
California avenue	Shenandoah avenue	Meramec street.
Compton avenue	Gasconade street	N. Dakota street.
Compton avenue	Potomac street	Cherokee street.
Compton avenue	Arsenal street	Pestalozzi street.
Compton avenue	Magnolia avenue	Eads avenue.
Cleveland avenue	Grand avenue	Vandeventer avenue.
Connecticut street	Morgan Ford road	Arkansas avenue.
Chippewa street	Gravois avenue	Meramec street.
Congress street	Lemp avenue	Alley west of Salena street.
Cushing street	Salena street	To alley west.
Cushing street	McNair avenue	DeVolsey street.
Copelin avenue	Compton avenue	Louisiana avenue.
Chippewa street	Jefferson avenue	Grand avenue.
Cherokee street	Jefferson avenue	Grand avenue.
Crittenden street	Grand avenue	Tennessee street.
Cardinal avenue	Franklin avenue	Easton avenue.
Compton avenue	Easton avenue	Pine street.
Channing avenue	School street	Thomas street.
Cook avenue	Thomas street	Grand avenue.
Columbia avenue	Tamm avenue	400 ft. east of Manchester rd.
Clifton avenue	Wilson avenue	Columbia avenue.
Clara avenue	Delmar boulevard	Cabanne avenue.
Clara avenue	Bartmer avenue	North Market street.
Cheltenham avenue	Tamm avenue	West of Childress av.
Clayton avenue	S. lane of Forest Park	Tamm avenue.
Delmar boulevard	King's Highway boul	City Limits.
DeVolsey street	Indiana avenue	Alley east.
Dickson street	Garrison avenue	Easton avenue.
Delmar boulevard	Grand avenue	Spring avenue.
Dalton avenue	Arsenal street	Columbia avenue.
Dunnica street	Arkansas street	Louisiana avenue.
Eads avenue	Compton avenue	Theresa avenue.
Etzel avenue	Goodfellow avenue	Hamilton avenue.
Etzel avenue	Hodiamont avenue	City limits.
Easton avenue	King's Highway boul	City limits.
Easton avenue	Garrison avenue	Leonard avenue.
Eighteenth street	Shenandoah avenue	Lynch street.
Elizabeth avenue	Clifton avenue	Esther avenue.
Fairmount avenue	King's Highway boul	Union boulevard.
Flad avenue	Grand avenue	Vandeventer avenue.
Flora avenue	Grand avenue	Spring avenue.
Franklin avenue	Channing avenue	Grand avenue.
Folsom avenue	Grand avenue	Spring avenue.
Fairview avenue	Grand avenue	Gustine avenue.
Goodfellow avenue	Maple avenue	North Market street.
Gambleton place	Hodiamont avenue	City limits.

STREET.	FROM	TO
Gravois avenue	McNair avenue	Jefferson avenue.
Gravois avenue	Iowa avenue	Morgan Ford road.
Geyer avenue	Compton avenue	Louisiana avenue.
Geyer avenue	Nebraska avenue	Longfellow boulevard.
Gasconade street	California avenue	Pennsylvania avenue.
Grand avenue	Laclede avenue	Cook avenue.
Grand avenue	Chouteau avenue	Delor street.
Garrison avenue	Easton avenue	Olive street.
Geyer avenue	Missouri avenue	Mississippi avenue.
Hamilton avenue	Delmar boulevard	Highland avenue.
Hartford street	Louisiana avenue	Spring avenue.
Halliday avenue	Louisiana avenue	Grand avenue.
Hawthorne boulevard	Russell avenue	Longfellow boulevard.
Henrietta street	Louisiana avenue	Grand avenue.
Hodiamont avenue	Delmar boulevard	Cates avenue.
Hodiamont avenue	Maple avenue	Easton avenue.
Horton place	Hamilton avenue	City Limits.
Humphrey street	Russell place	Morgan Ford road.
Humphrey street	Louisiana avenue	Spring avenue.
Highland avenue	Hamilton avenue	Hodiamont avenue.
Hodiamont avenue	Garfield avenue	Highland avenue.
Iowa avenue	South Gasconade street	Charlton street.
Iowa avenue	North Gasconade street	Arsenal street.
Indiana avenue	Sidney street	Arsenal street.
Indiana avenue	Victor street	Shenandoah avenue.
James street	Salena street	Alley west.
Jules street	Shenandoah avenue	Ann avenue.
Julian avenue	Clara avenue	Hodiamont avenue.
Juniata street	Louisiana avenue	Alfred avenue.
King's Highway boul	Lindell boulevard	Natural bridge road.
Klock street	Louisiana avenue	400 ft. west.
Keokuk street	Jefferson avenue	Nebraska avenue.
King's Highway boul	Northrup avenue	Fyler avenue.
Lake avenue	McPherson avenue	Delmar boulevard.
Lami street	Eighteenth street	Salena street.
Laurel avenue	Maple avenue	Suburban R. R.
Lafayette avenue	Mississippi avenue	Grand avenue.
Laclede avenue	Grand avenue	Spring avenue.
Lemp avenue	Shenandoah avenue	Victor street.
Lemp avenue	Sidney street	Arsenal street.
Leffingwell avenue	Locust street	Lucas avenue.
Leonard avenue	Franklin avenue	Easton avenue.
Lindell boulevard	King's Highway boul	Union boulevard.
Lindell boulevard	Channing avenue	Spring avenue.
Lucas avenue	Compton avenue	Beaumont street.
Lucas avenue	Theresa avenue	Grand avenue.
Locust street	Beaumont street	Leffingwell avenue.
Locust street	Ewing avenue	Compton avenue.
Longfellow boulevard	Geyer avenue	Lafayette avenue.
Louisiana avenue	Meramec street	Chippewa street.
Louisiana avenue	Miami street	Cherokee street.
Louisiana avenue	Arsenal street	Shenandoah avenue.
Louisiana avenue	Russell avenue	Eads avenue.
Louisiana avenue	Lafayette avenue	St. Vincent avenue.
Lynch street	Thirteenth street	Eighteenth street.
Longfellow boulevard	Russell avenue	Grand avenue.
Maryville avenue	Suburban Railroad	Maple avenue.
McPherson avenue	King's Highway boul	Lake avenue.
Morgan street	King's Highway boul	Union boulevard.
Maple avenue	King's Highway boul	City Limits
Minerva avenue	King's Highway boul	Union boulevard.
Minnesota avenue	Chippewa street	Winnebago street
Minnesota avenue	Cherokee street	Wyoming street.

STREET.	FROM	TO
Minnesota avenue	Arsenal street	Magnolia avenue.
Michigan avenue	Cherokee street	Shenandoah street.
Michigan avenue	Lafayette avenue	500 feet south.
Magnolia avenue	Tower Grove avenue	Magnolia place.
Magnolia avenue	G avois avenue	Grand avenue.
Meramec street	Chippewa street	Morgan Ford road.
Milton avenue	Nebraska avenue	Hawthorne boulevard.
Meramec street	Broadway,	Grand avenue.
Montana street	Louisiana avenue	Grand avenue.
Miami street	Jefferson avenue	Grand avenue.
McKean avenue	Gravois avenue	Grand avenue.
McNair avenue	Shenandoah avenue	Victor street.
McNair avenue	Sidney street	Arsenal street.
Missouri avenue	Sidney street	Arsenal street.
Missouri avenue	Shenandoah avenue	Park avenue.
Morgan street	Compton avenue	Beaumont street.
Marmaduke avenue	Tamm avenue	Ivanhoe avenue.
Macklind avenue	Old Manchester road	Arsenal street.
Morgan Ford road	Bingham avenue	Arsenal street.
Michigan avenue	Chippewa street	Winnebago street.
Morgan street	Theresa avenue	Spring avenue.
North Market street.	Clara avenue	Goodfellow avenue.
Natural Bridge road	King's Highway boul	Goodfellow avenue.
Nebraska avenue	Lafayette avenue	Osceola street.
Nicholson place	Lafayette avenue	Geyer avenue.
Nashville avenue	Tamm avenue	West of Childress avenue.
Neosho street	Tenth street	Grand avenue.
Ohio avenue	Gasconade street	Arsenal street.
Oregon avenue	Osceola street	Gasconade street.
Oregon avenue	Miami street	Keokuk street.
Oregon avenue	Potomac street	Magnolia avenue.
Oregon avenue	Shenandoah avenue	Russell avenue.
Odell avenue	Brannon avenue	Sublett avenue.
Osage street	Broadway	Grand avenue.
Old Manchester road	Accomac street.	King's Highway boul.
Old Manchester road	Brannon avenue	Columbia avenue.
Old Manchester road	Tamm avenue	Ivanhoe avenue.
Oak Hill avenue	Arsenal street	Humphrey street.
Osceola street	Broadway	Nebraska avenue.
Olive street	Beaumont street	Channing avenue.
Pine street	Beaumont street	Compton avenue.
Pine street	Grand avenue	Spring avenue.
Portland place	King's Highway boul	Union boulevard.
Plymouth avenue	Goodfellow avenue	Hamilton avenue.
Plymouth avenue	Hodiamont avenue	City Limits.
Page boulevard	King's highway boul	Hamilton avenue.
Page boulevard	Hodiamont avenue	City Limits.
Patton avenue	Union boulevard	Arlington avenue.
Pennsylvania avenue	Keokuk street	Winnebago street.
Pennsylvania avenue	Potomac street	Magnolia avenue.
Penn street	Lemp avenue	Alley west of Salena street.
Pestalozzi street	Lemp avenue	California avenue.
Portis avenue	Arsenal street	Connecticut street.
Rosedale avenue	Delmar boulevard	Clemens avenue.
Ridge avenue	King's Highway boul	Arlington avenue.
Russell avenue	Vandeventer avenue	Missouri avenue.
Reber place	King's Highway boul	Macklind avenue.
Russell place	Arsenal street	Wyoming street.
Stewart place	Wells avenue	Easton avenue.
Semple avenue	Easton avenue	St. Louis avenue.
Suburban avenue	Allanthus avenue	Hodiamont avenue.
Suburban avenue	City limits	Alley east.
St. Louis avenue	Union boulevard	Belt avenue.

STREET.	FROM	TO
Sidney street	Jefferson avenue	Twelfth street.
Sidney street	Arkansas avenue	Grand avenue.
Shenandoah avenue	Eighteenth street	Vandeventer avenue.
Shaw avenue	Grand avenue	Vandeventer avenu .
Shaw avenue	Old Manchester road	Macklind avenue.
Spring avenue	Potomac street	Gravois avenue,
School street	Channing avenue	West.
School street	Cardinal avenue	Compton avenue.
Salena street	Shenandoah avenue	Arsenal street.
South line of Forest Park.	Macklind avenue	Clayton avenue.
Sublette avenue	Old Manchester road	Botanical avenue.
Spring avenue	Laclede avenue	Lindell boulevard.
Spring avenue	Washington boulevard	Delmar boulevard.
Theodosia avenue	Academy avenue	Union boulevard.
Theodosia avenue	Union boulevard	Arlington avenue.
Theodosia avenue	Hodiamont avenue	1,000 ft. e. of Goodfellow av.
Terry avenue	King's Highway	Norwood avenue.
Texas avenue	Keokuk street	Lynch street.
Tamm avenue	Old Manchester road	Marmaduke avenue.
Thomas street	Leonard avenue	Channing avenue.
Tennessee avenue	Magnolia avenue	Shenandoah street.
Tennessee avenue	Cherokee street	400 ft. south.
Tennessee avenue	Miami street	Potomac street.
Theresa avenue	Lafayette avenue	Henrietta street.
Theresa avenue	Lafayette avenue	Henrietta street.
Tam avenue	Manchester avenue	Clayton avenue.
Thirteenth street	Sidney street	Lynch street.
Theresa avenue	Washington avenue	Franklin avenue.
Union boulevard	Lindell boulevard	Cote Brilliante avenue.
Utah place	Grand avenue	Gustine avenue.
Utah street	Ohio avenue	Nebraska avenue.
Utah street	Louisiana avenue	Grand avenue.
Victoria avenue	Tamm avenue	Billon avenue.
Von Versen avenue	Hodiamont avenue	400 ft. east of Clara avenue.
Von Versen avenue	Rosedale avenue	700 ft west.
Vernon avenue	King's Highway boul.	Goodfellow avenue.
Virginia avenue	Osceola street	Osage street.
Virginia avenue	Arsenal street	Pestalozzi street.
Virginia avenue	Magnolia avenue	Shenandoah avenue.
Virginia avenue	Russell avenue	Geyer avenue.
Victor street	Lemp avenue	Jefferson avenue.
Washington avenue	Leffingwell avenue	Compton avenue.
Washington avenue	Theresa avenue	Grand avenue.
Wise avenue	Tamm avenue	Childress avenue.
Westmoreland place	King's Highway boul.	Union boulevard.
Waterman avenue	Union boulevard	Belt avenue.
Westminster place	King's Highway boul.	Union boulevard.
Washington avenue	King's Highway boul.	Union boulevard.
Washington terrace	Clara avenue	Union boulevard.
West Cabanne place	Hamilton avenue	Catalpa avenue.
Wagner avenue	Hodiamont avenue	City limits.
Wells avenue	Hing's Highway boul.	Hamilton avenue.
Whittemore place	Missouri avenue	Jefferson avenue.
Wyoming street	Arkansas avenue	Gustine avenue.
Washington avenue	Ewing avenue	Compton avenue.
Washington avenue	Grand avenue	Spring avenue.
West Pine boulevard	Grand avenue	Spring avenue.
Waverly place	Lafayette avenue	South.
Wisconsin avenue	Lynch street	Arsenal street.
Winnebago street	Jefferson avenue	Grand avenue.
Wyoming street	Jefferson avenue	Gravois avenue.

NEW PUMPING ENGINES.

We have at present under contract five new, high-service pumping engines, to wit: Nos. 1, 2, 3 and Nos. 11 and 12, having an aggregate capacity of ninety million gallons per 24 hours. The estimated cost of same is $670,000.

About sixty per cent of the material for High-Service Engines Nos. 11 and 12 has been delivered and erected. It is expected that one of the pumping engines will be completed ready for operation in August, 1901, and the other in January, 1902.

None of the material for High-Service Engines Nos. 1, 2 and 3 has been delivered, but about twenty-five per cent of the work is finished at the shops ready for delivery and erection.

ELECTRIC PLANT AND RAILWAY.

Contracts have been let for the engines and electric generators required for the electric plant at Baden, and for the forty-eight passenger trolley car to run from Baden to the Chain of Rocks. Forms of contracts, drawings and specifications for the generator house for the line equipments have been approved, and the work will be put under contract as rapidly as possible. It is expected that this plant will be completed by the first of September and will then furnish the electric lighting for all of the pumping stations and water towers Nos. 1 and 2 and the necessary power for operating the trolley car between Baden and the Chain of Rocks.

REVETMENT AT CHAIN OF ROCKS.

The Revetment work at Chain of Rocks, extending for a distance of 5,940 feet, has been practically completed during the past year. The work done during the year covered a length of 3,600 ft. The sloping bank was protected by a covering of gravel concrete from 6 to 9 inches thick. At the toe of the slope and extending down to low water a mattress of two-inch plank covered with about 18 inches of rock was provided, and below low water a fascine mattress was used being made up of bundles of willow brush. The average width of the the protection beyond the toe of the slope is about 60 ft., and the vertical height of the protected bank is about 30 ft. The estimated cost of the 3,600 ft. of protection when completed and including the cost of the driveway is $63,000.00, or $17.59 per lineal foot. The 2,340 feet of protection completed the previous year cost $9.19 per lineal foot. The apparent excessive cost of the work as compared to the cost of some of the revetment put in by U. S. Government is accounted for by the extra depth of rock, the use of a fascine mattress, the substantial character of the timber apron and the wide berm at the toe of the slope.

MALINE CREEK BRIDGE.

The combined railway and highway bridge across Maline Creek has been completed to an extent sufficient to permit of its use in the regular operation of trains. The bridge was tested under an eighty ton locomotive with passenger car attached and proved to be rigid and to have no undue deflection or vibration. The total length of the bridge is 100 ft., having one central span of 48.5 ft.

PUMP MAIN NO. 9.

Pump Main No. 9 will extend from the Baden Pumping Station to Bircher street and Goodfellow avenue. About one-half of the thirty-six inch pipe, all the stop and check valves and most of the special castings for this main have been delivered.

The estimated cost of the work is $178,000.00, and it is expected that it will be completed the coming season.

COMPTON HILL RESERVOIR.

The storage reservoir at Compton Hill having been in continuous service for thirty years without being cleaned, had accumulated mud to an average depth of about 4½ ft. The condition of the work being such as to permit of the lowering of the water in the reservoir and the emptying of one basin at a time, provision was made for cleaning same. The north basin was emptied in October. The deposit of mud was washed by hydraulic process into the City sewers and carried to the river. A preliminary examination of the basin disclosed a number of leaks, but it was not deemed advisable to attempt making the necessary repairs during the winter months. The north basin contained about 27,000 cubic yards of mud and the cost of removing same, including incidentals, part of the preparatory work and the estimated cost of the water, was about 15 cents per cubic yard. It is apparent that extensive repairs will be necessary in both basins. After the south basin has been cleaned, a thorough investigation will be made and such repair work as may appear necessary will be promptly undertaken.

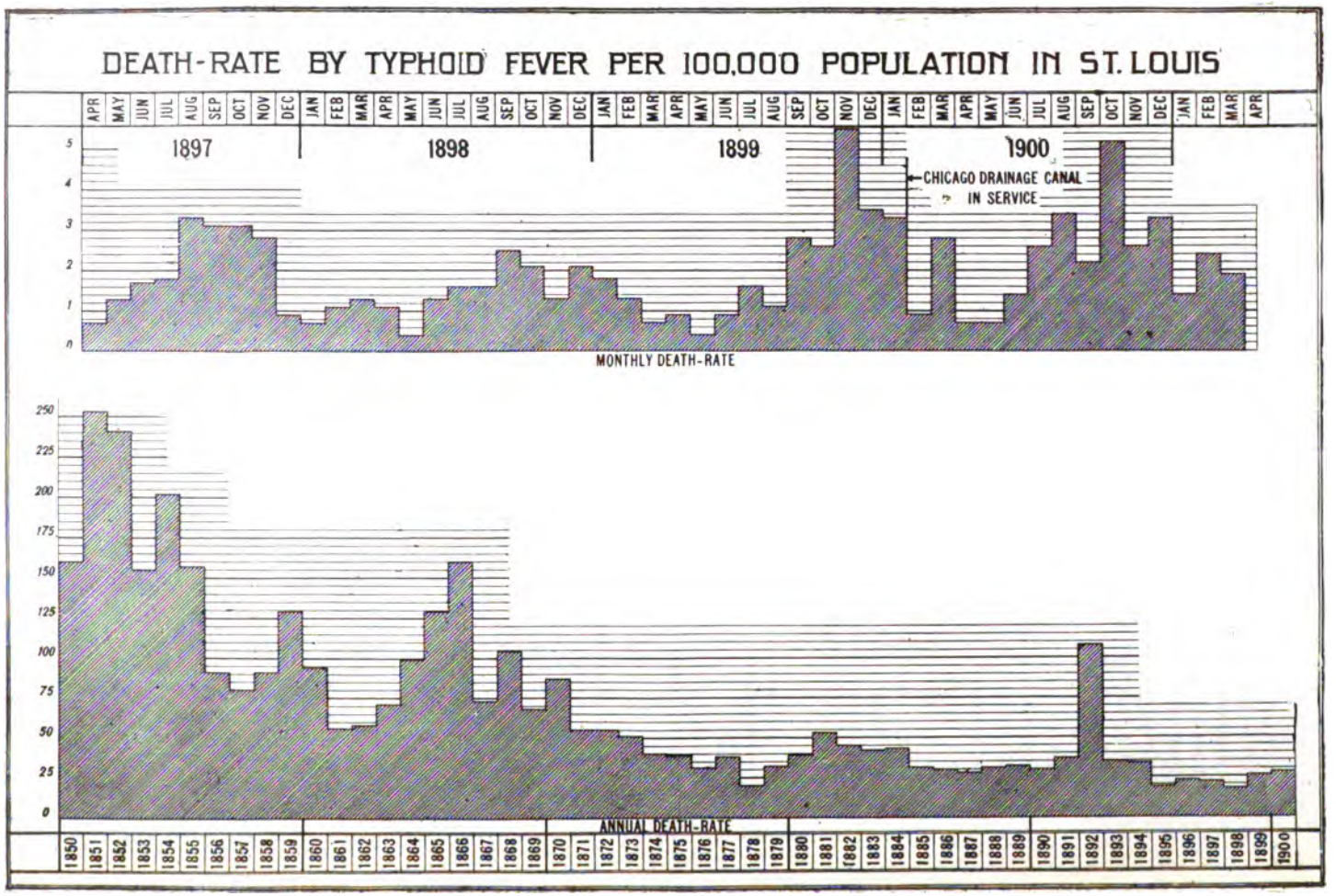
Further details of some of the work referred to above, also an account of miscellaneous work executed during the year under the supervision of the Water Works Extension force will be found in Appendix A.

CONSUMPTION OF WATER.

The average daily consumption of water the fiscal year, 1900–1901, was 62,996,852 gallons, an increase of 2,411,852 gallons over the consumption during the year.

Diagram No. 1 shows graphically the increase in consumption of water from 1871 to the present time, and the probable consumption up to 1910. The present works when completed are estimated to have a capacity sufficient to supply the City when the average daily consumption for the month of maximum consumption reaches one hundred million gallons, at which time the average daily consumption for the year will be about 87,000,000 gallons. The diagram indicates that this condition will prevail in 1905. It is evident therefore that it will be necessary ere long to commence the construction of extensive additions to the water works system of the City. The report of the Board of Public Improvements in 1885 on the proposed extension of the Water Works to a capacity of one hundred million gallons per day, contained estimates of future population and consumption of water. While the growth of population was predicted with considerable accuracy, the consumption of water has very much exceeded the estimate. We are now using more water than they predicted we would use in 1916. The water works will therefore require extension at a much earlier period than was anticipated at the time the present extensions were planned. The universal introduction of the meter system would cause a reduction in the waste of water, enabling the present works to supply the demand for a much longer period of years.

(DIAGRAM II.)


DEATH-RATE BY TYPHOID FEVER PER 100,000 POPULATION IN ST. LOUIS
1897
1898
1899
1900
CHICAGO DRAINAGE CANAL IN SERVICE
MONTHLY DEATH-RATE
ANNUAL DEATH-RATE

TYPHOID FEVER.

Diagrams Nos. 2 and 3, and tables "A" 18, 19 and 20 give the annual death rate by typhoid fever for the City of St. Louis from 1850 to date, the monthly death rate by typhoid fever since April, 1897, also the typhoid death rates for a number of other American cities and for a few European cities.

The records for the City of St. Louis were figured from the number of deaths as furnished by the Health Department.

The death rate by typhoid fever for the fiscal year is 27.3 per 100,000 population. For the preceding year, prior to the opening of the Chicago Drainage Canal, the death rate was 25.9 per 100,000. The difference in the typhoid death rate for the two years is somewhat less than the normal variation for other years.

A comparison of the various diagrams shows that the average death rate by typhoid fever in the City of St. Louis since 1895, when the intake for the water was changed from Bissell's Point to the Chain of Rocks, has been lower than that of any other of the American cities cited except that of New York, and but little higher than the latter. It is interesting to note that the typhoid death rate of American cities is much higher than that of the European cities designated. The latter are supplied with filtered water, which in several instances is taken from polluted streams. The present comparative freedom of the European cities from typhoid fever is ascribed to improvements in the water supply brought about principally by filtration and to the introduction of sewerage systems.

IMPROVEMENTS IN WATER SUPPLY.

The needs of the City in the matter of an improved water supply are apparent to all. The water furnished to the citizens should be clear. If clarification is brought about by a proper system of filtration it will result not only in a water which is unobjectionable in appearance but in a reduction of the typhoid death rate of probably more than fifty per cent and in increased security against epidemics of water-borne diseases. It is to be hoped that the coming year will bring united action upon this question, to the end that the opening of the Louisiana Purchase Exposition will find the City prepared to furnish clear pure water from the Municipal Water Works.

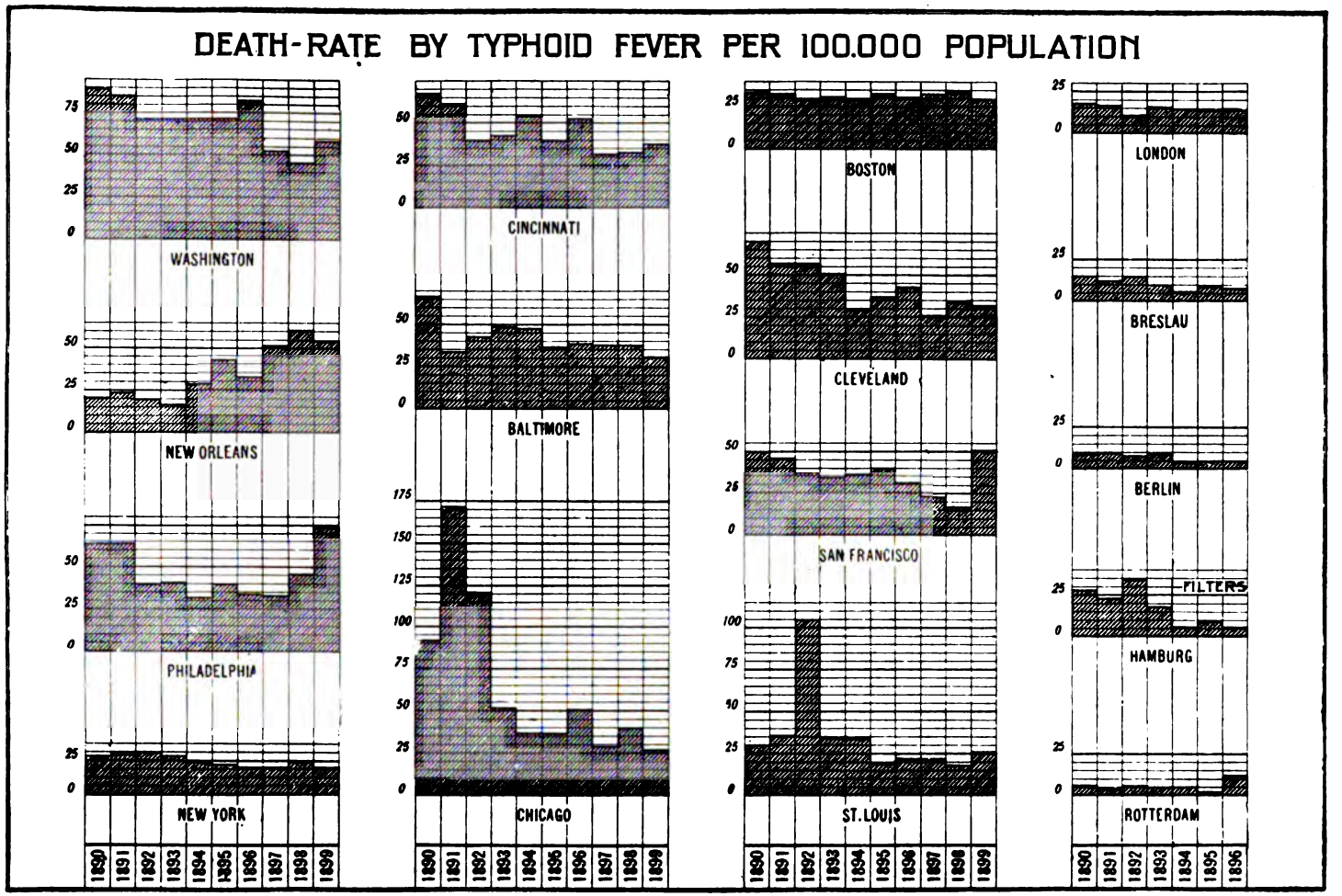
The estimated approximate cost of a filtration system with so-called "Mechanical Filters," including the necessary alterations in the present works, as given in the report of the Board of Public Improvements for 1900, is as follows:—

MAXIMUM NOMINAL CAPACITY, 120 MILLION GALLONS PER TWENTY-FOUR HOURS. PROVIDING FOR AN AVERAGE DAILY CONSUMPTION OF 87 MILLION GALLONS.

Filters, including pipes, valves and connections, to be operated at rate of one hundred million gallons per acre per twenty-four hours — 120 millions at $8,000 00	$960,000 00
Filter house, foundations, coagulating plant, pumps, boilers, etc.	500,000 00
Conduits	100,000 00
Covering reservoir, at Bissell's Point	350,000 00
Covering Compton Hill reservoir	300,000 00
Engineering and contingencies, 10 per cent	221,000 00
Total	$2,431,000 00

This is considered to be a very liberal estimate. The covering of the Compton Hill Reservoir and Settling Basins at Bissell's Point, while considered desirable, might be postponed for a year or two or some cheap temporary form of covering sufficient to keep out the sunlight would suffice at the start. It is

(DIAGRAM III.)


DEATH-RATE BY TYPHOID FEVER PER 100.000 POPULATION
WASHINGTON
NEW ORLEANS
PHILADELPHIA
NEW YORK
CINCINNATI
BALTIMORE
CHICAGO
BOSTON
CLEVELAND
SAN FRANCISCO
ST. LOUIS
LONDON
BRESLAU
BERLIN
FILTERS
HAMBURG
ROTTERDAM
1890
1891
1892
1893
1894
1895
1896
1897
1898
1899

probable also that the filters could be constructed for less than the estimate given. The cost of operation, including interest on the capital invested and sinking fund charges, is estimated at $10.00 per million gallons. At our present rate of consumption this would amount to about $230,000.00 per year or forty cents per year per inhabitant.

The amount of money available for a filtration plant is as follows: —

Unappropriated balance at the end of fiscal year, April, 1901.....		$995,693 91
Anticipating surplus revenue for the year ending April, 1902.....		845,000 00
		$1,840,693 91
New Works Required —		
Storage Reservoir at Baden.....	$250,000 00	
Elevated Tank for High Level District.....	150,000 00	
		400,000 00
Amount available for filtration plant.....		$1,440,693 91

The City could therefore appropriate $1,440,000.00 at present for a filtration plant, and by April, 1902, there would be an additional estimated amount of $879,000.00 available.

Table No. A 17 gives the estimated population, consumption of water, income, expenses and surplus available for extension and improvements for each year up to 1910, inclusive.

Respectfully submitted,

EDWARD FLAD,
Water Commissioner.

AVERAGE DAILY CONSUMPTION OF WATER PER MONTH IN MILLIONS OF U. S. GALLONS.—"A" 2.

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Average.
1871.....	.....	.....	.....	.....	.....	.....	12.9	13.2	13.3	13.1	12.2	12.6	12.9
1872.....	12.5	13.1	12 0	12.5	13 0	15.0	15.9	16.9	16.5	16.1	15.1	15.7	14.5
1873.....	16.5	15.5	14.6	13.8	14.2	16.6	18.0	19.2	18.5	17.8	16.4	15.7	16.4
1874.....	16.4	15.5	14.6	15.2	17.5	20.0	21.5	19.4	19.7	18.6	17.8	18.8	17.9
1875.....	21.1	21.7	21.3	18.7	18.9	19.6	20.0	21.9	22.2	21.8	18.8	16.5	20.2
1876.....	17.3	16.9	16.1	17.4	20.1	22.0	23.4	24.2	24.8	24.5	21.2	22 6	29.9
1877.....	23 5	20.4	19.8	19.1	20.8	22.7	24.9	27.3	25.4	23.7	20.0	20.6	22.3
1878.....	20.8	19.6	20.1	22.0	23.1	22 5	26.3	25 9	25.4	24.5	23.2	22.8	23.1
1879.....	29 0	24.6	22.6	21.6	24.8	26 0	27.0	28.5	25.3	25.7	21.4	22 9	25.0
1880.....	21.3	21.0	19.5	21.2	24.1	25.5	28.0	30.0	28.8	27.4	27.1	27.7	25.1
1881.....	31.8	28.1	24 0	24.8	27.4	29.5	28.0	29.4	27.6	26.8	26.1	26.8	27 5
1882.....	26.1	25.0	26.3	27.7	28.1	29.5	28.8	30.3	29.4	27.8	28.3	28.4	28.0
1883.....	30.5	27.7	25.1	26.1	26.6	29.0	28.4	29 4	28.6	25.2	26.8	26.5	27.4
1884.....	26 3	20.9	20.4	19.8	22.7	24.3	27.4	30.3	28.7	26.8	23.9	25.9	24.6
1885.....	26.8	29.5	23.7	22.6	24 4	27.4	29.5	30 3	28.8	27 0	24.7	25.7	26.8
1886.....	30.0	28.5	23.9	25.2	28.4	30.7	34 5	34.6	33.1	31.7	29.0	31.0	30.0
1887.....	28.8	25.4	24.9	26.9	28.6	31.7	35.3	36.6	35.5	32.7	30.1	29.0	30.5
1888.....	33.6	30.5	27.3	29.4	39 3	33.8	36.7	36 0	35 3	33 4	29.6	27.8	32.0
1889.....	27.3	29.0	28.7	31.1	32 9	33.5	37.4	39.2	36.5	34.1	29 3	29.0	32.3
1890.....	28.5	28.4	29.7	30 5	33.1	40.2	44.1	42.8	40.0	37 4	35.2	32.4	35.2
1891.....	31.8	32.3	32.0	34.5	38 4	41.4	45.7	45.3	47.7	41.8	36.8	35.6	38.6
1892.....	38.4	34.7	33.9	35 3	37 9	44.4	47.0	51.7	50.2	47.1	40 9	43.8	42.1
1893.....	46.7	43.8	41.1	40.7	43 3	48.7	52.6	57.6	56 6	49.5	45.8	43.5	47.5
1894.....	42 6	43.0	46.8	45 4	51.1	59.9	64.6	64.0	60 4	57.0	51.7	48.3	52.9
1895.....	50.6	55.8	49.6	52.3	56.1	63.3	58.6	61.8	66.5	56.3	49.6	48.1	55.2
1896.....	47.0	43 5	43.1	49.9	53.4	51.8	58 2	65.6	57.9	51.7	46.9	44.3	51.1
1897.....	46.2	45.0	41.8	43.9	49.7	56.9	61.7	61.9	65.2	60.0	50.2	50.2	52.6
1898.....	49.2	49.7	47.3	46.6	49.8	57.6	60.0	63.8	62.0	56.8	54.4	55.0	54.4
1899.....	54.0	69.5	55.1	54.0	56 0	62.8	64.6	67.8	69.2	61.3	56.2	56.1	60.6
1900.....	59.7	61.2	55.7	54.6	60.3	65.3	71.4	69 5	73 9	66.5	57.6	56.3	63.5
1901.....	57.1	57.5	55.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

DAILY CONSUMPTION OF WATER, APRIL 1, 1900, TO APRIL 1, 1901, IN MILLIONS AND TENTHS OF U. S. GALLONS.—"A" 3.

DAY.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
1	60.7	60.7	60.6	54 9	79.3	75.8	67 0	60 0	56.3	58.1	56.6	57 4
2	60.9	59 5	64 9	69 8	80 4	65 9	66.0	61.7	48.1	64 0	55.4	61.7
3	58.0	60.5	55 9	73.4	82 3	69.2	69.0	62 4	49.5	59.8	48.4	45.8
4	60.5	63.8	66.1	64.4	85.2	79 8	96.8	54.6	68.4	51.0	58 9	57 7
5	60 5	64.1	65.9	64.4	70 5	83.2	69 8	62 7	61.8	66 8	63.0	60.9
6	59.2	48 5	59 3	77 5	84.2	84 1	72.7	60.4	60 2	52.3	61 4	59.0
7	60 0	55 7	68.5	76.0	83.5	81.6	53.7	62.5	64 4	58.1	60 9	59.0
8	47.3	56.4	69 8	53.2	83 9	84.9	63.8	58.9	56.3	58 2	59.8	57.1
9	55 6	53 8	71 3	53 9	83.4	72 5	62 4	60.9	49 5	58.0	60 6	57 3
10	50 0	57.5	66 1	68.0	85.6	85.7	62 1	61.4	58 3	57 8	47.8	49.9
11	49.3	59.3	59 6	73 5	87 1	96 2	62 5	51.5	49.5	59 2	65 7	58.0
12	48 8	63 1	70.6	72.8	75 2	83.8	72.0	59.3	65.8	58.5	60.5	54.7
13	46.2	54.5	65.1	81.2	85 6	81.9	71.0	62 9	54 3	52 7	62 6	55.5
14	55.9	66 1	68 8	80.7	87 0	81.5	50.3	60 3	56 2	60.5	55.6	53.7
15	45.4	67.1	66 7	62 6	88 6	82.0	65.3	60.0	57 0	59 3	56.7	54.1
16	57 1	64.4	68.8	65 9	83.8	62.1	62 6	56.9	49.9	57 8	56.2	56.7
17	54.4	57.6	57.7	68.9	89.6	76.4	63 7	60 1	57.7	58.8	50.4	50.4
18	57.9	57.3	66.9	66 8	87.3	73.1	63 9	53.1	58 0	59.1	56 4	60.1
19	57.9	55.2	63.9	72 4	76.5	66 4	63.6	59 0	58.6	58.3	56.7	56.1
20	52.5	50.4	68.0	68 5	90.0	69.3	66.0	57.1	58 1	49.7	57.9	56.0
21	51.9	65 0	66.7	72.6	89 5	69 8	55.3	56 5	57.1	57 3	57 1	56 4
22	47.7	65.1	69 1	65.1	89 3	69.3	59.9	56 5	58 2	57.0	56 3	58.8
23	53 5	68.2	59.9	93 8	84.7	58 5	62 6	53.1	50.6	57.3	58 8	56.1
24	55.8	65.7	47.3	72 7	79 8	71.0	63 8	54 2	55.6	56 3	54.3	48.2
25	57.8	68 2	72.0	69 2	80 6	75 1	62.7	49.1	49 3	56 0	59.3	56 2
26	49 3	68.2	68.7	74.6	62.6	72 3	63.3	59 1	56.3	55 1	58 2	49.8
27	58.2	56.4	70.6	76.0	74.5	64 2	63.2	51.8	56.7	49 5	58 8	61.8
28	65.2	66.1	65.9	77.4	81.4	64 6	54.4	55 9	57 0	54 9	56.3	54.2
29	50.7	60.1	72 1	65.3	80.7	66 6	61 7	49.2	57.0	54.8	.....	53.3
30	60.0	57.6	64.2	78.7	83 7	58.7	63 5	58.0	50 1	57.3	.....	50.4
31	.....	57.7	.....	78 6	82 9	.....	62 1	.....	59.5	58.0	.....	48.0
Average	54.6	60 3	65.3	71.4	82 5	73.9	63 5	57 6	56.3	57.1	57.5	55.3

Average for year, 62.9.

Maximum daily consumption	90,029,000
Average daily consumption	62,996,350
Minimum daily consumption	45,408,302
Total consumption	22,993,668,600

COST OF PUMPING PER MILLION GALLONS FOR TEN YEARS, FROM 1885 TO 1895, OLD SYSTEM.—"A" 4.

YEARS.	HIGH SERVICE.					LOW SERVICE, BISSELL'S PT.					Total for Both Services.
	Wages of Engineers, Mech'e, Fireman and Coal Passers.	Coal.	Repairs and Reconstruction	Supplies.	Totals.	Wages of Engineers, Mech'e, Fireman and Coal Passers.	Coal.	Repairs and Reconstruction	Supplies.	Totals.	
1885-1886	3.422	4 885	1 120	.475	9 902	1.693	1 738	.214	208	3.853	13 775
1886-1887	3 171	4 600	656	416	8 843	1 571	1.889	.501	170	4 131	12 974
1887-1888	3 055	4.442	1.328	.505	9 330	1 508	1 934	.712	238	4.392	13.722
1888-1889	3 144	4.375	1.714	328	9 561	1 684	2 345	1 032	121	5.182	14.742
1889-1890	3.035	3.850	1.229	392	8 506	1 588	1.904	.827	243	4 562	13.068
1890-1891	2 957	3.462	1.064	308	7.791	1.475	1.763	.722	143	4.153	11.944
1891-1892	2 804	3 298	1.093	.444	7 639	1 388	1 5s7	.873	.233	4 081	11 720
1892-1893	2.606	3.484	1.335	.263	7 688	1 279	1 830	1.053	172	4.334	12.022
1893-1894	2 604	3.805	1.393	263	8 065	1 295	1.969	.863	.153	4.280	12 345
1894-1895	2 495	3.779	1 031	.330	7 635	1.529	2 041	.646	200	4.416	12.051
Average for 10 years	2.929	3.998	1.196	372	8.495	1 501	1.900	749	.188	4.338	12.835

COST OF PUMPING PER MILLION GALLONS, NEW SYSTEM -LOW LEVEL—"A" 5.

YEAR.	HIGH SERVICE, BISSELL'S POINT.					LOW SERVICE, CHAIN OF ROCKS.					Totals for both Services.
	Wages of Engineers, Mechanics, Firemen & Coal Passers.	Coal.	Repairs and Reconstruction.	Supplies.	Totals.	Wages of Engineers, Mechanics, Firemen & Coal Passers.	Coal.	Repairs and Reconstruction.	Supplies.	Totals.	
1895-1896	2 943	3 616	1.720	.355	8 634	1.270	.612	.710	258	2 848	11.482
1896-1897	3.242	3.541	1.740	388	8.951	1.266	.653	.724	.266	2.889	11.840
1897-1898	3.198	2.940	.747	.402	7.287	1.219	.591	.412	.172	2.394	9.681
1898-1899	4 183	3 013	.967	437	8 600	1.219	.634	.437	.184	2 474	11 074
1899-1900	3.216	3.371	1.163	258	8.008	1.168	.691	.411	.183	2.453	10.461
1900-1901	3.898	4.050	.910	348	9 206	1.142	.762	.462	.244	2.610	11.810
1901-1902											
1902-1903											
1903-1904											
1904-1905											
Av. for 10 yrs.											

COST OF PUMPING PER MILLION GALLONS, NEW SYSTEM—HIGH LEVEL.—"A" 6.

YEAR.	HIGH SERVICE, BADEN.					LOW SERVICE, CHAIN OF ROCKS.					Totals for Both Services.
	Wages of Engineers, Mech's, Firemen and Coal Passers.	Coal.	Repairs and Reconstruction.	Supplies.	Totals.	Wages of Engineers, Mech's, Firemen and Coal Passers.	Coal.	Repairs and Reconstruction.	Supplies.	Totals.	
*1897-1898	4.855	1.489	.453	1.615	8 412	1.219	591	.412	.172	2 394	10.806
1898-1899	2.805	1.483	344	.642	5.094	1 219	.634	.427	.184	2.474	7.568
1899-1900	3.241	1.666	.718	.477	6 102	1.168	.691	.411	.183	2 453	8.555
1900-1901	2.460	2 007	1.054	.379	5.900	1.142	.762	.462	.244	2.610	8.510
1901-1902											
1902-1903											
1903-1904											
1904-1905											
1905-1906											
1906-1907											
Av. for 10 years											

* Started December, 1897.

TABLE "A" 7.

SEDIMENT REMOVED FROM SETTLING BASINS AT BISSELL'S POINT FOR TEN YEARS.

YEAR.	Cubic Yards of Sediment Removed from Basins.	Millions of U. S. Gallons Water Pumped into Basins.	Cubic Yards of Sediment Per Millions U. S. Gallons.	Cost of Removing Sediment from Settling Basins.
1885-1886	109,000	9,925	10.982	$2,195 86
1886-1887	124,000	10,979	11.294	2,187 50
1887-1888	143,000	11,665	12.336	1,865 41
1888-1889	174,000	11,654	14.943	2,869 60
1889-1890	144,750	11,939	12.124	1,386 00
1890-1891	207,800	13,173	15.768	1,411 20
1891-1892	210,600	14,602	14.423	2,286 40
1892-1893	160,000	16,448	9.725	2,810 88
1893-1894	148,000	17,448	8 482	3,519 20
1894-1895	208,000	16,257	12.794	2,668 20

TABLE "A" 8.

SEDIMENT REMOVED FROM SETTLING BASINS, CHAIN OF ROCKS.

YEAR.	Cubic Yards of Sediment Removed from Basins	Millions of U. S. Gallons Water Pumped into Basins.	Cubic Yards of Sediment Per Millions U. S. Gallons.	Cost of Removing Sediment from Settling Basins.
1895-1896	209,000	18,537	11.259	$ 1,483 99
1896-1897	314,000	19,084	16.454	4,327 23
1897-1898	175,000	19,788	8 866	2,781 16
1898-1899	233,000	21,275	10.951	3,033 98
1899-1900	248,000	22,734	10.908	3,715 90
1900-1901	255,000	22,997	11.088	3,158 51
1901-1902				
1902-1903				
1903-1904				
1904-1905				

DAILY PUMPING—LOW SERVICE ENGINES AT CHAIN OF ROCKS—"A" 9.

DAY.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	57.8	64.2	58.7	59.5	71.2	90.4	35.4	59.8	58.5	55.7	54.7	51.1
2	54 8	67.8	60.2	63.2	73.9	71.8	72.2	60.5	49.7	56.	56.5	58.3
3	55 9	61.3	52.5	61.5	76.	45.3	86.6	61	54.6	58.	57.9	54.6
4	61.8	62.8	69.5	59.4	78.6	66.9	75.5	58.7	57.1	56.3	54	56.3
5	62.2	68.4	72 9	86.2	74.9	81.6	46.5	58.7	57.2	47.9	52.1	56 4
6	61.5	60.5	75.2	77.8	69.8	103.	76.8	59.5	55.7	53.3	53.6	56.
7	62.	63.1	73.1	73.	75.7	89.	76.8	47.	59.7	61.9	57.7	59.9
8	49.1	59	64.9	68.9	78.	74.6	62.7	45.	62.5	66.6	67.3	61.5
9	47.5	57.9	69.2	70 7	78.7	59.4	73.9	44.7	58.2	65.2	58.1	61.2
10	51.	57.5	57.6	66.	92.8	93.9	78.9	63 7	62.1	48.3	52.2	49.4
11	45.7	58.6	69.4	72.6	75.8	79.	75.9	58.7	62.3	66.5	51.8	55.2
12	53.1	63.5	70.1	68.9	79.9	78.9	84.2	62.5	55.7	55.	58.8	55.2
13	58.3	61.6	69.3	84.8	79.2	81.8	45.9	67.5	54.8	50.	60.6	57.4
14	58.6	64.8	62.8	73.8	77.3	79.7	80.1	43 8	53.5	51.8	60.8	53.8
15	59.5	93.7	84.3	71.4	75.8	67.6	58.6	62.6	55.4	51.4	58.7	54.6
16	59.6	91.8	76.6	66.3	79.9	59.2	58.9	80.	54 6	50.5	54.5	52.2
17	58.8	71.1	57.6	62.9	78.1	85.8	67.9	77.8	55.9	56.1	48.8	51.5
18	66.5	67.	59.7	61.4	79.4	77.6	59.1	49.2	55 3	57.	53.1	57.6
19	66.6	58.	58.	60.7	72.9	67.2	60.5	57.7	55.6	54.2	57.8	56.2
20	77.1	50.8	64.2	76.	61.3	69.5	69.2	60.7	58.2	53.3	62.6	56.2
21	63.8	66.	68.1	71.3	82.5	65.8	59.2	53.5	56.8	51.1	62.9	39.1
22	45.5	71.9	73.8	63.9	72.2	66.3	75.9	73.8	56.3	55.8	58.6	51.9
23	41.3	61.4	65.3	38.1	91.6	64.7	82.7	51.4	50.2	53.8	56.	56.7
24	51.6	78.9	55.3	67.5	84.1	66.1	62.4	52.2	51 9	55.8	56.2	49.5
25	61.3	79.9	62.7	99.4	80 9	70.1	60 1	51.8	55.7	53.	54.6	57.9
26	70.	70.2	63.8	67.7	59 2	72.9	60.	53.7	55.7	54.9	58.7	49.3
27	68.4	56.8	81.5	100.8	48.3	70.6	63.1	45.7	55.8	44.7	61.6	49.0
28	61.6	71.2	74.6	69.	89.1	71.8	63.7	55.3	57.1	55.7	61.4	49.9
29	59.3	67 5	72.3	63.2	52.6	65.8	61.2	57.5	55.5	50.9	.....	53.9
30	60.4	57.8	63.7	69.7	109.2	36.2	62 9	65.7	58.2	49.7	.....	52.9
31	.....	63.2	.....	65.3	88.3	.....	58.6	.....	54.9	49.9	.....	53.5
Average	58.4	66.1	66.9	69.7	77.	72.4	64.7	58.	56.3	54.6	57.2	54.1

Average for year, 63.0.

Maximum daily pumping.....109,200,000

Average daily pumping.....63,004,795

Minimum daily pumping.....30,100,000

TABLE "A" 10.

The following table shows the amount of coal burned at the High Service Station Bissell's Point, per million U. S. gallons of water pumped to the City:—

	Bushels of Coal Used.	U. S. Gallons Water Pumped.	Bushels of Coal Used per Million Gallons of Water Pumped.
1885–1886	788,781	9,817,945,000	80.8
1886–1887	866,633	10,877,896,000	79.7
1887–1888	902,477	11,520,608,000	78.3
1888–1889	873,406	11,481,771,000	76 1
1889–1890	933,154	11,863,457,000	78.4
1890–1891	931,791	13,144,565,000	70 9
1891–1892	1,105,050	14,453,390,000	76.4
1892–1893	1,197,163	16,140,476,000	74.1
1893–1894	1,282,025	17,366,270,000	73.8
1894–1895	1,396,450	20,030,271,000	69.7
1895–1896	1,501,861	19,542,768,000	76.8
1896–1897	1,418,970	18,653,013,000	76.1
1897–1898	1,251,918	18,229,933,000	68.6
1898–1899	773,877	10,736,739,000	72.1
1899–1900	865,041	11,752,651,000	73.6
1900–1901	884,531	11,087,465,000	79 8

TABLE "A" 11.

The following table shows the amount of coal burned at the High Service Station, Baden, per million U. S. gallons of water pumped to the City:—

	Bushels of Coal Used.	U. S. Gallons Water Pumped.	Bushels of Coal Used per Million Gallons of Water Pumped.
*1897–1898	45,482	1,136,337,000	40.0
1898–1899	340,015	10,068,552,000	33.8
1899–1900	364,994	10,361,610,000	35.2
1900–1901	436,436	11,894,274,000	36.7

* Started December, 1897.

TABLE "A"—12.

The following table shows the amount of coal burned at the Low Service Station, Bissell's Point, per million U. S. gallons of water pumped into settling basins for ten years previous to its abandonment:—

	Bushels of Coal Used.	U. S. Gallons Water Pumped.	Bushels of Coal Used Per Million Gallons of Water Pumped.
1885–1886	289,703	9,924,698,000	29.2
1886–1887	360,018	10,979,076,000	32.8
1887–1888	397,761	11,665,516,000	34.1
1888–1889	474,363	11,644,333,000	46 5
1889–1890	414,946	11,239,159,000	34 8
1890–1891	474,889	13,177,804,000	36.0
1891–1892	537,050	15,602,274,000	36.7
1892–1893	637,308	16,447,584,000	38 7
1893–1894	666,475	17,447,937,000	38 2
1894–1895	622,856	16,256,910,000	38 3

TABLE "A"—13.

The following table shows the amount of coal burned at the Low Service Station, Chain of Rocks, per million U. S. gallons of water pumped into settling basins:—

	Bushels of Coal Used.	U. S. Gallons Water Pumped.	Bushels of Coal Used Per Million Gallons of Water Pumped.
1895-1896	233,636	18,587,270,000	12 6
1896-1897	236,614	19,083,797,000	12.4
1897-1898	264,178	19,738,230,000	13.4
1898-1899	306,276	21,275,720,000	14 4
1899-1900	328,346	22,784,160,000	14.4
1900-1901	322,267	22,996,750,000	14.0
1901-1902			
1902-1903			
1903-1904			
1904-1905			

NOTE.—The coal used is Southern Illinois steam coal. One bushel equals 80 pounds. One cubic foot as measured in cars or bin weighs 57 pounds. The detailed statement of the coal burned and water pumped will be found in the tables showing the work of the high and low service engines.

TABLE "A" 14.

TABLE SHOWING GROWTH OF THE DISTRIBUTION SYSTEM SINCE THE ADOPTION OF THE SCHEME AND CHARTER.

Year Ending March 31.	Miles of Water Pipe in Service.	No. of Fire Plugs in Service.	No. of Private Fire Plugs in Service.	No. of Stop Valves in Service.	No. of Private Stop Valves in Service.	No. of Check Valves in Service.	No. of Blow-off Valves in Service.	No. of Manholes.	No. of Air Taps.	No. of Taps in Service.	No. of Meters in Service.	No. of U.S. Gallons of Water Pumped Into the City.
1881	212	1,842	14	1,747	279	4	36	14	31	20,204	573	9,857,957,000
1882	225	1,965	15	1,912	316	4	36	14	31	21,745	905	9,852,430,000
1883	234	2,108	15	2,012	344	4	37	14	31	23,648	1,228	10,396,930,000
1884	238	2,163	17	2,068	372	6	42	16	31	25,321	1,522	9,542,471,000
1885	257	2,469	17	2,247	395	7	43	16	32	27,457	1,811	9,412,291,000
1886	279	2,685	21	2,518	429	41	58	16	32	29,884	2,143	9,817,943,000
1887	295	2,922	34	2,668	354	63	54	16	35	31,794	2,376	10,877,896,000
1888	314	3,161	36	2,854	500	68	57	16	43	34,022	2,662	11,520,608,000
1889	336	3,366	36	2,991	518	70	66	18	58	36,082	2,888	11,481,771,000
1890	354	3,515	37	3,148	576	67	76	18	63	38,183	3,115	11,863,457,000
1891	373	3,715	37	3,306	634	67	76	18	66	41,331	3,399	13,144,565,000
1892	393	3,916	37	3,483	700	68	79	18	66	44,382	3,601	14,453,390,000
1893	410	4,103	48	3,613	770	68	81	18	66	47,445	3,750	16,140,476,000
1894	447	4,504	63	3,915	834	70	87	19	68	50,540	3,850	17,366,270,000
1895	462	4,690	63	4,077	869	70	90	19	66	53,354	3,979	20,030,271,000
1896	493	5,020	63	4,383	931	73	103	19	66	56,865	4,092	19,542,768,000
1897	532	5,447	64	4,776	968	73	109	19	68	59,423	4,198	18,653,013,000
1898	555	5,723	65	5,094	1,019	76	138	20	89	61,839	4,151	20,386,176,000
1899	581	6,325	68	5,704	1,055	92	156	20	89	63,851	4,161	20,800,292,000
1900	616	6,920	70	6,163	1,111	83	159	20	89	65,688	4,133	22,114,261,000
1901	638	7,325	77	6,557	1,140	80	162	20	89	67,243	4,331	22,981,739,600

TABLE SHOWING THE CONDITION OF THE WATER WORKS REVENUE SINCE ADOPTION OF SCHEME AND CHARTER.—"A" 15.

Years.	Unappropriated balance to credit at beginning of fiscal year.	Collections and transfers.	Total amount available.	Appropriated for water pipe and laying.	Appropriated for water works extension.	Appropriated for reconstruction.	Expended for assessment and collection of water rates.	Expended for operating and maintaining water works.	Expended for special taxes.	Expended for interest on water bonds.	Expended for protection of water supply.	Expended for fitting up new City Hall.	Expended for relief bills.	Transferred to municipal revenue.	Unappropriated balance at end of fiscal year.
1879	$ 8,380 11	$ 548,880 90	$ 557,261 01	.....	.....	.....	$ 29,445 15	$ 196,907 98	.....	$ 248,380 11	.....	.....	.....	§§ 30,000 00	$ 52,527 77
1880	52,527 77	624,565 43	677,093 20	$ 89,550 16	.....	.....	34,499 43	202,009 89	.....	280,000 00	.....	.....	.....	§ 54,598 82	16,434 90
1881	16,434 90	657,192 02	673,626 92	93,481 24	.....	.....	36,495 21	234,156 59	.....	311,000 00	.....	.....	.....	.....	* 2,506 12
1882	* 2,506 12	703,928 13	701,422 01	84,202 80	$ 197,900 00	.....	36,823 21	260,049 42	.....	167,000 00	.....	.....	$ 187 27	.....	5,309 31
1883	5,309 31	720,650 14	725,959 45	64,981 00	216,165 82	.....	36,977 50	267,106 59	$ 5,021 46	110,000 00	.....	.....	.....	.....	25,707 08
1884	25,707 08	735,017 08	760,724 16	106,879 26	264,299 27	.....	41,917 95	269,390 36	902 39	73,000 00	.....	.....	2,700 00	.....	1,634 93
1885	1,634 93	758,691 14	760,326 07	338,056 70	101,599 04	.....	47,926 84	264,704 44	.....	.....	.....	.....	2,200 00	.....	5,839 05
1886	5,839 05	797,842 55	803,681 60	236,519 67	7,878 00	.....	42,578 38	245,034 35	.....	85,000 00	.....	.....	.....	.....	186,671 25
1887	186,671 25	865,503 60	1,052,174 85	107,137 54	45,660 27	.....	50,505 66	240,990 45	1,376 97	.....	.....	.....	1,769 50	.....	604,784 46
1888	604,734 46	919,935 11	1,524,669 57	264,106 44	123,905 62	.....	51,985 06	248,880 62	.....	.....	.....	.....	.....	.....	766,091 83
1889	766,091 83	954,609 22	1,720,701 05	17,365 07	988,185 97	.....	51,024 06	278,539 26	475 00	.....	.....	.....	1,404 10	.....	383,707 59
1890	383,707 59	1,019,445 43	1,403,153 02	59,589 49	901,959 97	.....	50,944 21	264,233 40	.....	.....	.....	.....	250 00	.....	126,176 95
1891	126,175 95	1,135,250 79	1,261,426 74	74,866 49	796,841 91	.....	51,626 54	278,392 09	.....	.....	.....	.....	158 00	.....	59,546 71
1892	59,546 71	1,174,186 50	1,233,733 21	181,430 62	579,270 99	.....	51,983 60	327,592 04	.....	.....	.....	.....	.....	.....	75,505 96
1893	75,505 96	1,236,123 33	1,311,629 29	100,000 00	711,677 25	.....	53,856 64	349,978 34	.....	.....	.....	.....	1,362 57	.....	94,743 49
1894	94,743 49	1,251,301 71	1,346,045 20	179,429 70	676,998 23	.....	57,504 69	385,104 67	.....	.....	$ 24,832 78	.....	.....	.....	22,175 18
1895	22,175 18	1,266,609 66	1,288,784 84	337,907 62	312,841 99	$ 70,000 00	57,576 71	446,167 52	2,227 00	.....	.....	.....	90 00	.....	71,973 94
1896	71,973 94	1,312,667 90	1,384,464 84	312,336 09	256,223 30	.....	57,436 80	416,103 26	.....	.....	.....	.....	270 75	.....	342,271 64
1897	342,271 64	1,338,830 13	1,681,101 77	375,788 97	527,109 78	.....	57,118 75	438,758 50	.....	.....	.....	.....	.....	.....	282,325 82
1898	282,325 82	1,390,162 00	1,672,487 88	269,000 00	98,255 40	350,000 00	57,333 77	443,631 94	.....	.....	.....	.....	.....	.....	454,266 77
1899	454,266 77	1,375,682 95	1,829,949 2	378,735 04	294,999 99	.....	59,095 89	463,052 13	.....	.....	.....	$13,000 00	2,915 60	.....	618,151 07
1900	618,151 07	1,483,354 75	2,101,505 82	524,982 35	92,544 78	.....	57,649 86	493,179 56	.....	.....	13,284 97	.....	.....	.....	920,864 30
1901	920,864 30	1,620,873 51	2,541,737 81	225,000 00	412,960 22	196,000 00	60,238 40	533,594 68	.....	.....	28,143 24	.....	2,500 00	† 86,607 36	996,693 91
.....	.....	$ 23,891,340 04	.....	$4,371,346 25	$7,695,277 75	$ 616,000 00	$1,132,505 32	$7,538,258 08	$ 10,002 82	$1,275,380 11	$ 65,260 94	$ 13,000,00	$ 15,752 79	$171,206 18	.....

* Overdraft.

§ On account water pipe laid during previous years, which was paid for out of municipal revenue.

† On account of lighting water works stations, during the past ten years, which was paid for out of municipal revenue.

TABLE SHOWING THE CONDITION OF THE SPECIAL FUNDS OF THE WATER DEPARTMENT SINCE ADOPTION OF SCHEME AND CHARTER.
"A" 16.

Years.	WATER PIPE FUND.						WATER WORKS EXTENSION FUND.						
	Unexpended Balances of Appropriations at Beginning of Year Covering Work under Contract or Authorized by Ordinance.	Appropriated from Municipal Revenue.	Appropriated from Water Works Revenue.	Total Work under Contract or Authorized by Ordinance.	Unexpended for Water Pipe and Laying.	Unexpended Balances of Appropriations at End of Year Covering Work under Contract or Authorized by Ordinance.	Unexpended Balances of Appropriations at Beginning of Year Covering Work under Contract or Authorized by Ordinance.	Appropriated from Water Works Revenue.	Total Work Under Contract or Authorized by Ordinance.	Expended for New Work.	Expended for Real Estate.	Expended for Salaries and Expenses.	Unexpended Balances of Appropriations at End of Year Covering Work under Contract or Authorized by Ordinance.
1879	$ 28,960 00	$ 49,787 82	.....	$ 78,747 86	$ 65,576 98	$ 13,170 88	.....	.....	.....	.....	.....	.....	.....
1880	13,170 88	.....	$ 89,550 16	102,721 04	57,867 52	44,853 52	.....	.....	.....	.....	.....	.....	.....
1881	44,853 52	.....	93,481 24	138,334 76	121,998 83	16,335 93	.....	.....	.....	.....	.....	.....	.....
1882	16,335 93	.....	34,202 80	50,538 73	45,710 30	4,828 43	.....	$197,900 00	$197,900 00	$ 18,485 43	.....	.....	$179,414 57
1883	4,828 43	.....	64,981 00	69,809 43	63,927 38	5,882 05	$179,414 57	216,165 82	395,580 39	204,167 39	$ 18,180 68	$ 11,435 19	161,847 18
1884	5,882 05	.....	106,879 26	112,879 26	61,661 84	51,099 47	161,847 18	264,299 27	426,146 45	166,245 73	.....	9,299 27	250,601 45
1885	51,099 47	.....	338,056 70	389,156 17	220,763 20	168,392 97	250,601 45	101,599 04	352,200 49	67,474 02	12,356 20	7,026 09	265,344 18
1886	168,392 97	.....	236,519 67	404,912 64	206,499 93	198,412 71	265,344 18	7,878 00	273,222 18	83,312 54	811 39	7,710 41	181,387 84
1887	198,412 71	.....	107,137 54	305,550 25	161,480 57	144,069 68	181,387 84	45,660 27	227,048 11	67,937 71	.....	8,398 10	150,712 30
1888	144,069 68	.....	264,106 44	408,176 12	142,535 40	265,640 72	150,712 30	193,905 62	344,617 92	83,303 80	23,533 50	9,259 81	228,520 81
1889	265,640 72	.....	17,365 07	283,005 79	208,441 86	74,563 93	228,520 81	988,135 97	1,216,706 78	134,634 96	25,432 03	417,924 81	1,014,847 31
1890	74,563 93	.....	59,589 49	134,153 42	104,595 64	29,557 78	1,014,847 31	901,959 97	1,916,807 28	172,198 19	65,337 00	59,879 74	1,619,392 35
1891	29,557 78	.....	74,866 49	104,424 27	71,382 41	33,041 86	1,619,392 35	796,841 91	2,416,234 26	411,477 46	.....	46,841 91	1,957,914 89
1892	33,041 86	.....	181,430 62	214,472 48	149,202 64	65,269 84	1,957,914 89	597,270 99	2,555,185 88	707,354 98	60,650 00	59,968 46	1,664,212 44
1893	65,269 84	.....	100,000 00	165,269 84	125,986 62	39,283 22	1,664,212 44	711,677 25	2,375,889 69	541,623 26	600 00	63,677 25	1,769,989 18
1894	39,283 22	.....	179,429 70	218,712 92	196,019 70	22,693 22	1,769,989 18	676,998 23	2,446,987 41	729,512 73	34,969 00	69,074 57	1,613,431 11
1895	22,693 22	.....	337,907 62	360,600 84	147,815 40	212,785 44	1,613,431 11	812,841 90	1,926,273 10	895,593 55	.....	67,958 41	962,721 14
1896	212,785 44	.....	312,336 09	525,121 53	391,400 99	133,720 54	962,721 14	256,223 30	1,218,944 44	275,634 21	.....	46,639 69	896,670 54
1897	133,720 54	.....	375,788 97	509,509 51	272,204 94	237,304 57	896,670 54	527,109 73	1,423,780 27	362,537 55	.....	43,318 48	1,017,924 24
1898	237,304 57	.....	269,000 00	506,304 57	218,675 64	287,628 93	1,017,924 24	98,255 40	1,116,179 64	398,106 12	2,500 00	44,505 40	671,068 12
1899	287,628 93	.....	378,735 04	666,363 97	273,214 80	393,149 17	671,068 12	294,999 99	966,068 11	59,755 83	2,000 00	39,999 99	864,312 29
1900	393,149 17	.....	524,982 35	918,131 52	319,118 54	599,012 98	864,312 29	92,544 78	956,857 07	290,788 50	.....	32,544 78	633,573 79
1901	799,012 98	.....	225,000 00	824,012 98	463,336 19	360,676 79	633,573 79	412,960 22	1,046,534 01	302,947 01	.....	30,460 22	713,126 78
	.....	$49,797 82	$4,371,348 25	.....	$4,089,417 32	.....	.....	$7,695,277 75	.....	$6,036,040 97	$246,319 75	$699,790 25	.....

TABLE SHOWING CONDITION OF THE SPECIAL FUNDS OF THE WATER DEPARTMENT SINCE ADOPTION OF SCHEME AND CHARTER —*Continued.*

RECONSTRUCTION FUND.

	Unexpended Balances of Appropriations at Beginning of Year, Covering Work Under Contract or Authorized by Ordinance.	Appropriated from Water-works Revenue.	Total Work Under Contract or Authorized by Ordinance.	Expended for Reconstruction.	Unexpended Balances of Appropriations at End of Year, Covering Work Under Contract or Authorized by Ordinance.
1895	.....	$ 70,000 00	$ 70,000 00	$ 3,386 21	$ 66,613 79
1896	$ 66,613 79	.....	66,613 79	34,491 40	32,122 39
1897	32,122 39	.....	.....	.....	32,122 39
1898	32,122 39	350,000 00	382,122 39	7,494 14	374,628 25
1899	374,628 25	.....	374,628 25	11,548 59	363,079 66
1900	363,079 66	.....	363,079 66	6,496 78	356,582 88
1901	356,582 88	196,000 00	552,582 88	59,114 25	493,468 63
	.....	$616,000 00	.....	$122,531 37	.....

RECAPITULATION OF RESOURCES AND EXPENDITURES OF WATER DEPARTMENT SINCE THE ADOPTION OF THE SCHEME AND CHARTER.

Resources —		
Unappropriated balance to credit of Water Works Revenue, April, 1879		$8,880 11
Unexpended balance of appropriation to Water Pipe Fund, April, 1879, covering work under contract or authorized by ordinance		28,960 04
Transferred from Municipal Revenue to Water Pipe Fund		49,787 82
Collections and transfers, April, 1879, to April, 1901		23,891,804 04
Total		$23,978,432 01
Expenditures —		
For water pipe and laying	$4,089,417 32	
" Water Works extension, new work	6,036,040 97	
" Water Works Extension, salaries and expenses	699,790 25	
" Water Works Extension, purchase of real estate	246,319 75	
" Reconstruction	122,531 37	
" Assessment and collection of water rates	1,132,505 32	
" Operating and maintaining works	7,538,258 08	
" Special taxes	10,002 82	
" Interest on Water Bonds	1,275,380 11	
" Protection of water supply	65,260 94	
" New City Hall, furniture and fittings	13,000 00	
" Relief bills	15,752 79	
To Municipal Revenue	171,206 18	
Unexpended balances of appropriations, April, 1901, covering work under contract or authorized by ordinance —		
Water Works Extension	713,126 78	
Reconstruction	493,468 63	
Water pipe and laying	860,676 79	
Unappropriated balance at end of fiscal year April, 1901	995,693 91	$23,978,432 01

TABLE SHOWING THE ESTIMATED POPULATION, CONSUMPTION OF WATER, AND ESTIMATED INCOME AND EXPENSES OF THE WATER WORKS FROM 1901 TO 1910, AND THE ANNUAL SURPLUS AVAILABLE FOR EXTENSIONS AND IMPROVEMENTS.—"A" 17.

Fiscal Year Beginning April.	Estimated Population.	Average Total Daily Consumption.	Average Daily Consumption per Inhabitant per Year.	Average Total Daily Consumption for Month of Maximum Consumption.	Estimated Amount of Income from Water Rates.	Expenses for Operating and Maintaining Works.	Expenses for Assessing and Collecting Water Rates.	Required for Water Pipe and Distribution Mains.	Construction and Reconstruction, Salaries and Expenses.	Contingencies.	Amount that can be Appropriated for Extension and Improvements.
		Mill. Gals.	Gals.	Mill. Gals.							
1901	588,000	69.	117	77.	$ 1,650,000 00	$ 520,000 00	$ 60,000 00	$ 125,000 00	$ 40,000 00	$ 60,000 00	$ 845,000 00
1902	601,000	73.	121	87.	1,700,000 00	530,000 00	61,000 00	130,000 00	40,000 00	60,000 00	879,000 00
1903	615,000	78.	127	92.	1,755,000 00	540,000 00	61,000 00	130,000 00	40,000 00	60,000 00	924,000 00
1904	630,000	82.	130	97.	1,810,000 00	550,000 00	62,000 00	135,000 00	40,000 00	60,000 00	663,000 00
1905	646,000	87.	134	102.	1,870,000 00	560,000 00	63,000 00	135,000 00	40,000 00	60,000 00	1,012,000 00
1906	662,000	92.	139	108.	1,930,000 00	575,000 00	64,000 00	140,000 00	40,000 00	60,000 00	1,051,000 00
1907	678,000	97.	143	114.	1,990,000 00	590,000 00	65,000 00	140,000 00	40,000 00	60,000 00	1,095,000 00
1908	694,000	103.	148	120	2,050,000 00	605,000 00	67,000 00	145,000 00	40,000 00	60,000 00	1,133,000 00
1909	711,000	108.	152	126.	2,110,000 00	620,000 00	69,000 00	150,000 00	40,000 00	60,000 00	1,171,000 00
1910	728,000	114.	156	133.	2,175,000 00	640,000 00	72,000 00	160,000 00	40,000 00	60,000 00	1,208,000 00
					$19,040,000 00	$5,730,000 00	$644,000 00	$1,390,000 00	$400,000 00	$600,000 00	$10,276,000 00

ANNUAL DEATH RATE BY TYPHOID FEVER PER 100,000 POPULATION — "A" 18.

City.	Population.	Source of Supply.	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899		
														Average 5 years.
Washington	287,000	Potomac River	90	86	72	72	72	72	83	53	46	59	63	1895-1899
New Orleans	287,000	Mississippi River	21	24	20	15	29	43	33	52	66	55	50	" "
Philadelphia	1,294,000	Schuylkill and Delaware	64	64	40	41	32	40	34	33	46	75	46	" "
Cincinnati	326,000	Ohio River	68	62	40	43	55	40	53	32	33	38	39	" "
Chicago	1,699,000	Lake Michigan	92	172	121	52	37	37	51	29	40	27	37	" "
Baltimore	509,000	Impounding Reservoir	67	34	43	49	48	37	39	38	38	31	37	" "
Cleveland	382,000	Lake Erie	70	57	57	51	29	37	43	21	34	32	33	" "
San Francisco	343,000	Mountain streams with Impounding Reservoirs	50	46	37	34	36	40	31	23	17	51	32	" "
Boston	561,000	Impounding Reservoir	34	33	29	31	29	33	31	33	34	30	32	" "
St. Louis	575,000	Mississippi River	30	36	105	34	34	19	22	22	18	26	22	" "
New York (Proper)	2,051,000	Impounding Reservoir	23	24	25	23	10	18	16	16	20	16	17	
London	4,422,000	Filtered water river Thames and Lea	16	15	11	16	15	14	14	....	....	....	14	Average 7 years.
Breslau	377,000	Filtered water river Oder	15	12	15	10	6	9	8	....	....	....	11	" "
Berlin	1,695,000	Filtered water Lake Muggel and Tegel	9	10	8	9	4	5	5	....	....	....	7	" "
														Average 3 years.
Hamburg	626,000	Filtered water river Elbe, since 1893	28	23	34	18	6	9	6	....	....	....	7	Since filtration.
Rotterdam	276,000	Filtered water river Maas	6	4	6	5	5	2	12	....	....	....	6	Average 7 years.

Population given for American cities is according to census of 1900.
Death rates are figured upon estimated population for intermediate years.

TABLE "A" 19.

Table showing the number of deaths from typhoid fever in St. Louis since 1850. Also the death rate for each year per 100,000 of population.—"A" 1.

Year Ending April 1st.	Population.	Total Number of Deaths.	Deaths per 100,000 Population.	Year Ending April 1st.	Population.	Total Number of Deaths.	Deaths per 100,000 Population.
1851	86,150	125	139	1877	338,600	103	30
1852	94,400	218	242	1878	342,609	130	38
1853	102,700	227	227	1879	346,600	74	21
1854	111,000	157	143	1880	350,518	112	32
1855	119,300	222	185	1881	360,600	139	38
1856	127,600	179	138	1882	370,800	191	52
1857	135,900	114	81	1883	380,900	166	44
1858	144,200	107	76	1884	391,000	158	41
1859	152,500	181	87	1885	401,100	166	42
1860	160,778	197	123	1886	411,270	125	30
1861	175,800	151	84	1887	421,400	124	30
1862	190,800	100	53	1888	431,500	116	27
1863	205,800	110	52	1889	441,600	135	30
1864	220,800	147	67	1890	451,770	140	31
1865	235,800	220	92	1891	464,100	137	30
1866	250,800	304	122	1892	476,500	172	36
1867	265,800	401	149	1893	488,800	514	105
1868	285,850	194	57	1894	501,200	171	34
1869	295,850	294	98	1895	513,500	172	33.5
1870	310,864	202	65	1896	525,900	100	19.0
1871	314,800	269	87	1897	538,200	118	21.9
1872	318,800	174	54	1898	550,500	119	21.6
1873	323,800	176	55	1899	562,900	99	17.5
1874	326,700	167	51	1900	575,238	149	25.9
1875	330,700	131	40	1901	588,000	161	27.3
1876	334,650	131	40				

The population as given in the above table is computed as having increased at uniform rate from census to census, that of 1901 being estimated from past rate of growth.

The number of deaths for each year was taken from the records of the Health Department.

TABLE—"A" 20.

Table showing the number of deaths from typhoid fever for each month since April, 1896. Also the death rate per 100,000 of population.—"A" 20.

Year ending April 1st.		April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.
1897	Total deaths	4	9	6	13	29	13	9	7	5	7	9	7
1897	Deaths per 100,000	0.7	1.7	1.1	2 4	5 4	2.4	1 7	1.3	0.9	1.3	1.7	1.3
1898	Total deaths	4	7	9	10	18	17	17	15	5	4	6	7
1898	Deaths per 100,000	0.7	1.3	1.6	1.8	3.3	3.1	3.1	2 7	0.7	0.7	1.1	1.3
1899	Total deaths	6	2	7	9	9	14	12	7	12	10	7	4
1899	Deaths per 100,000	1.1	0 4	1.1	1 6	1 6	2.5	2.1	1.1	2.1	1.8	1.1	0.7
1900	Total deaths	5	2	5	9	6	16	15	31	20	19	5	16
1900	Deaths per 100,000	0.9	0.3	0 9	1.6	1.0	2 8	2 6	5.4	3.5	3.3	0.9	2.8
1901	Total deaths	4	4	8	15	20	13	30	15	19	8	14	11
1901	Deaths per 100,000	0 7	0 7	1.4	2.5	3.4	2.2	5.1	2.5	3 2	1.4	2.4	1.9

WATER PIPES LAID FROM APRIL 1st, 1900, TO APRIL 1st, 1901.—"B" 1.

STREET.	FROM.	TO.	SIZE OF PIPE AND LENGTH IN FEET.				No. of Fire Plugs.	Cost of Laying Pipe.	Date of Water Turned on.
			36-in.	20 in.	12-in.	6-in.			
Adelaide av.	Broadway.	Bulwer av.			443 5	25.0	2	$ 120 14	April 28, 1900
Angelica st.	Broadway.	Ninth st.			412.0	30 5	1	146 99	Dec. 18, "
Broadway	Prairie av.	Humboldt av.		1125.5	8418.5	635.5	17	3,203 03	May 3, "
Botanical av.	Sublette av.	January av.				947.5	3	187 01	May 30, "
Bruno av.	McCausland av.	Forest av.				581.5	1	108 96	June 2, "
Beaumont st.	Olive st.	Morgan st.				1466.5	3	306 99	June 5, "
Belt av	Von Versen av	Delmar boul				472.5	1	89 49	June 20, "
Belt av	Cabanne av.	Clemens av.				884.0	2	159 55	June 21, "
Beach av.	Maple av.	Suburban R. R.				514 0	2	104 35	June 25, "
Blair av.	John av.	Gano av				320.0	1	63 60	July 12, "
Biddle st.	Sixteenth st.	Twenty-first st.			2217.0	135.0	5	883 09	Sept. 21, "
Broadway.	Chouteau av.	Soulard st.		3460.5	28.0	202.5	7	2,703 02	Dec. 18, "
Broadway	Humboldt av	Baden av			5789.5	416.5	10	1,947 55	Dec. 3, "
Bulwer av.	Grand av.	De Soto av			1804.0	90.5	2	591 02	Dec. 10, "
Buchanan st.	Blair av.	Hall st			2892 5	219.5	6	895 52	Dec. 28, "
Clayton av.	S. Line Forest Park.	Tamm av.			2400.5	87.5	7	741 84	June 12, "
Compton av.	Washington av.	Morgan st.				839 5	1	146 69	June 8, "
Channing av.	Laclede av.	Bell av.			3108.5	491.5	11	1,252 81	June 27, "
Cottage av.	Grand av.	Spring av.				625.5		109 46	July 6, "
Christian av.	Broadway.	Switzer av.				427.0	2	89 12	Dec. 5, "
*Compton Hill Reservoir						432 0	1		Oct. 11, "
Dodier st	Grand av.	Spring av.				651.0	2	127 52	July 7, "
Dunnica av.	Arkansas av.	Louisiana av.				646 5	1	110 89	Jan. 19, 1901
*Dorcas st.	Main st.	Levee				356.0	1		Dec. 22, 1900
Emerson av.	Florissant av.	600 feet west			984.0	37.5	3	279 54	August 7, "
Ewing av.	Hickory st.	Park av.		1146.5	7.0	67.0	3	1,031 31	Nov. 17, "
Eleventh st.	Osceola st.	Neosho st.				801.0	2	142 56	Jan. 5, 1901
Eighteenth st.	Pine st.	Chestnut st.				228.0			July 31, 1900
Fifteenth st.	Spruce st.	Market st.			1298.0	114.0	4	564 10	August 15, "
Florissant av.	Marcus av.	Oriole av.			7961.0	178.0	7	2,891 21	August 29, "
Fifteenth st.	Washington av.	Franklin av.				960.5	4	407 32	Sept. 18, "
Fairview av.	Grand av.	Gustine av.					5	377 41	Jan. 21, "
*Folsom av.	Grand av.	Spring av.				924.0	2		May 17, "
*Fifteenth st.	Olive st.	Chestnut st.				492.0	2		August 4, "
Greer av.	Marcus av.	200 feet east of Cora				940.5	3	288 28	July 5, "
Gilmore av.	Florissant av.	Theodore av.				2438 5	6	468 74	Sept. 10, "
Grattan st.	Park av.	Chouteau av.			1450.5	99.5	3	524 98	Jan. 25, 1901
*Glasgow av.	University st.	St. Louis av.				396.0			Dec. 29, 1900
Hamilton av.	Cote Brilliante av.	Highland av.				920.5	1	168 29	June 27, "
Highland av.	Hamilton av.	Hodiamont av.				968.0	3	190 20	June 29, "
Hodiamont av.	Garfield av.	Highland av.				611.5	2	121 41	June 30, "
Henrietta st.	Nebraska av.	Grand av.		3378.5		154.0	6	2,456 05	Nov. 10, "
Kosciusko st.	Cahokia st.	Keokuk st.				559.5	1	98 97	Jan. 14, 1901
Lindell boul.	Channing av.	Spring av.			1229.0	1131.0	6	653 74	June 18, 1900
Laurel av.	Maple av.	Suburban R. R.				498.5	1	94 44	June 22, "
Manchester av.	Grand av.	Chouteau av.			4397.5	296.5	10	1,765 72	July 24, "
Market st.	Twelfth st.	Twenty-first st.			3718.5	204.5	10	1,915 78	Sept. 7, "

WATER PIPES LAID FROM APRIL 1ST, 1900, TO APRIL 1ST, 1901.—"B" 1.—*Concluded.*

STREET.	FROM	TO	SIZE OF PIPE AND LENGTH IN FEET.				No. of Fire Plugs.	Cost of Laying Pipe.	Date of Water Turned On.
			36-in.	20-in.	12-in.	6-in.			
McRee av	Tower Grove av	Grand av	.....	4787 5	64.5	312.5	11	$ 3,727 31	Oct. 18, 1900
Minnesota av	Osceola st	Neosho st	.....	.....	.....	1330.0	3	234 15	Jan. 3, 1901
Minnesota av	Bates st	Elwood st	.....	.....	.....	970 0	3	176 37	Jan. 10, "
Marine av	Cahokia st	Keokuk st	.....	.....	.....	527.5	2	108 40	Jan. 12, "
Michigan av	Chippewa st	Winnebago st	.....	.....	645.5	46 5	1	221 45	Jan. 16, "
Nebraska av	Henrietta st	Park av	.....	980.5	.....	35 5	2	894 09	Nov. 10, 1900
Natural Bridge rd	Union boul	Goodfellow av	.....	4489 5	48 0	93.0	9	2,966 69	Nov. 5, "
Ninth st	Buchanan st	Angelica st	.....	.....	3504.0	186 0	8	1,043 03	Dec. 28, "
Ninth st	Osceola st	Neosho st	.....	.....	.....	813 5	2	144 56	Jan. 5, 1901
*North Market st	Jefferson av	Elliot av	.....	.....	.....	444.0	2	.....	May 21, 1900
Odell av	Macklind av	Sublette av	.....	.....	.....	590.0	1	110 45	May 25, "
Olive st	Compton av	Channing av	.....	.....	843.5	16.5	2	325 78	June 18, "
Oriole av	Florissant av	Thekla av	.....	.....	.....	1519.0	4	293 42	August 31, "
*Oregon av	Chippewa st	Keokuk st	.....	.....	.....	720.0	1	.....	Sept. 1, "
Penrose st	Grove st	Grand av	939.0	.....	.....	109.0	2	1,449 71	April 9, "
Palon st	Spring av	Prairie av	.....	.....	.....	638 5	1	118 54	July 10, "
Plover av	Thekla av	Florissant av	.....	.....	.....	1636.0	4	357 68	Sept. 27, "
Park av	Nebraska av	Ewing av	.....	219.0	.....	.....	...	166 72	Nov. 17, "
Poepping st	Virginia av	Ivory av	.....	.....	.....	697.5	2	229 57	Jan. 10, 1901
*Pennsylvania av	Steins st	Schirmer st	.....	.....	.....	360.0	1	.....	August 28, 1900
Robin av	Florissant av	Theodore av	.....	.....	.....	2404.0	6	461 90	Sept. 17, "
Sublette av	Old Manchester rd	Botanical av	.....	.....	.....	886 5	3	175 94	May 29, "
South Line Forest Park	Macklind av	Clayton av	.....	.....	3109.0	27.0	3	865 55	June 19, "
Spring av	Delmar boul	Washington boul	.....	.....	.....	388.5	....	61 76	June 8, "
Spring av	Laclede av	Lindell boul	.....	.....	.....	1064 0	2	195 89	June 11, "
Swan av	Taylor av	King's Highway boul	.....	.....	.....	1019.5	3	184 47	July 26, "
Spruce st	Fourteenth st	Sixteenth st	.....	.....	881.5	45.0	3	322 62	July 31, "
Sixteenth st	Spruce st	St. Charles st	.....	.....	2671.0	260 0	7	1,140 77	August 10, "
Soulard st	Third st	Seventh st	.....	766.0	.....	32.5	1	494 78	Dec. 18, "
Seventh st	Davis st	City Limits	.....	.....	.....	840.5	3	142 33	Jan. 10, 1901
Theodosia av	Hamilton av	Hodiamont av	.....	.....	.....	931 0	2	177 32	June 26, 1900
Twenty-third st	Palm st	Mallinckrodt st	.....	.....	.....	516.0	1	97 10	July 11, "
Third st	Soulard st	Trudeau st	.....	1851.0	.....	245.0	4	1,406 88	Dec. 26, "
Trudeau st	Third st	Broadway	.....	546.5	214.0	27.0	3	463 14	Dec. 26, "
Texas av	Gravois av	Sidney st	.....	.....	.....	432 0	1	78 07	Jan. 22, "
*Texas av	Geyer av	Alley North	.....	.....	.....	480 0	1	.....	May 26, "
*Theresa av	Morgan st	Franklin av	.....	.....	.....	324.0	1	.....	July 27, "
*Twenty-second st	Pine st	Market st	.....	.....	.....	504.0	2	.....	July 30, "
*Thrush av	Broadway	East	.....	.....	822.0	12.0	1	.....	August 21, "
University st	Glasgow av	East	.....	.....	.....	204.0	1	.....	Dec. 8, "
Victoria av	Tamm av	Billow av	.....	.....	.....	1589.5	3	298 96	June 6, "
Wise av	Tamm av	Childress av	.....	.....	.....	661.5	2	129 76	June 6, "
Wren av	Florissant av	500 feet west of Thekla	.....	.....	.....	2078.0	4	391 65	Sept. 27, "
		Totals	939.0	22,746.0	62,003.0	51,691.5	291	$48,163 86	.....

* Street Service Department.

WATER PIPE OF ALL SIZES LAID UP TO APRIL 1, 1901.—"B" 2.

	48 In.	36 In.	30 In.	20 In.	15 In.	12 In.	10 In.	8 In.	6 In.	4 In.	3 In.	Total.
	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Miles
Pipe laid previous to Oct. 6, 1877	.....	33,213.0	16,670.0	76,024.0	41,969.0	35,591.0	45,130.0	.....	608,626.0	9,329.0	68,414.0	177.0769
Pipe laid from Oct. 6, 1877, to Apr. 1, 1900	1,237.0	72,873.0	102,866.5	209,329.5	12,126.5	524,334.5	7,811.0	64,019.5	1,370,816.5	1,261.0	687.5	450.2580
Pipe laid by private parties previous to April 1, 1899	.....	.....	.....	.....	.....	1,156.5	.....	.....	96,475.5	.....	.....	18 4909
Pipe laid from April 1, 1900, to April 1, 1901	.....	939.0	.....	22,746.0	.....	62,003.0	.....	.....	51,691.5	.....	.....	26 0189
Total	1,237.0	107,025.0	119,536.5	308,099.5	54,095.5	683,085.0	52,941.0	64,019.5	2,127,609.5	10,590.0	69,101.5	671 844
Pipe taken up and abandoned previous to April 1, 1900	.....	82.0	1,994.0	3,485.5	592.0	7,968.5	2,946.0	6,351.0	124,457.0	979.0	8,515.0	29.8050
Pipe taken up and abandoned from April 1, 1900, to April 1, 1901	.....	.....	.....	20.0	.....	.....	.....	.....	19,951.5	.....	150.0	3.8109
Pipe taken up and abandoned to April 1, 1901	.....	82 0	1,994.0	3,505.5	592.0	7,968.5	2,946.0	6,351.0	144,408.5	979.0	8,665.0	33.6159
Pipe in service April 1, 1901 (feet)	1,237.0	106,943.0	117,542.5	305,594.0	53,503 5	625,116.5	49,995.0	57,668.5	1,983,201.0	9,611.0	60,436 5	.....
Pipe in service April 1, 1901 (miles)	.2342	20.2544	22.2619	57.6883	10.1332	118.3933	9.4688	10.9221	375.6061	1.8203	11.4462	638 2288

Pipes laid previous to October 6, 1877	177.0769	Miles.
Pipe laid since October 6, 1877	494.7678	"
Total	671.8447	"
Pipe in service April 1, 1900	616.0208	"
Pipe laid April 1, 1900, to April 1, 1901	26.0189	"
Total	642.0397	"
Pipe taken up April 1, 1900, to April 1, 1901	3.8109	"
Total pipes in service April 1, 1901	638.2288	"

VALVES, FIRE PLUGS, ETC., IN SERVICE, APRIL 1, 1901—"B" 8.

Number of fire plugs	7,325
Private fire plugs	77
Check valves	80
Regulator valve, 16 inch	1
Air taps	89
Manholes	20

Size, inches	12 in.	6 in.	4 in.	3 in.
Blow-off Valves	46	102	8	11

Size, inches	36	30	20	16	15	12	10	8	6	4	3
City stop valves	43	58	268	2	68	745	84	226	4359	23	176

Size, inches	12	8	6	4	3
Private stop valves	2	9	212	578	339

SIZE AND NUMBER OF TAPS INSERTED IN PIPE MAINS FROM APRIL 1, 1900 TO APRIL 1, 1901.—"B" 4.

MONTH.	¼ in.	⅝ in.	¾ in.	1 in.	1¼ in.	1½ in.	1⅝ in.	2 in.	Total each Month.
April, 1900	157	8	17						182
May, 1900	82	14	11						107
June, 1900	109	10							119
July, 1900	118	18	13						149
August, 1900	152	15	18						185
September, 1900	129	23	13						165
October, 1900	128	15	8						151
November, 1900	122	8	17						147
December, 1900	131	17	8						156
January, 1901	157	15	12						184
February, 1901	67	10	7						84
March, 1901	210	30	14						254
Totals	1,562	183	138						1,883
May, 1867, to April 1, 1900	49,321	8,808	4,225	591	911	33	10	8	63,907
	50,883	8,991	4,363	591	911	33	10	8	65,790

Taps inserted previous to May, 1867 (estimated)		5,060
Taps inserted since May, 1867, as per table		65,790
Total number inserted to April 1, 1901		70,850
Taps taken out to April 1, 1900	3,279	
Taps taken out from April 1, 1900, to April, 1, 1901.	328	
Total number taps taken out to date		3,607
Total number in service, April 1, 1901		67,243

TABLE SHOWING SIZE AND NUMBER OF TAPS INSERTED IN PIPE MAINS FROM 1880 TO 1901 INCLUSIVE.—"B" 5.

Size,	½ inch.	⅝ inch.	¾ inch.	1 inch.	1¼ inch.	1½ inch.	2 inch.	Totals.
April, 1880	217	194	157	20	51	.....	.....	639
" 1881	905	178	69	18	35	.....	.....	1,205
" 1882	1,138	237	91	17	57	.....	.....	1,540
" 1883	1,273	249	17	14	54	.....	.....	1,660
" 1884	1 374	462	92	9	71	.....	.....	2,008
" 1885	1,656	458	69	8	39	.....	.....	2,230
" 1886	1,887	460	83	15	40	.....	3	2,498
" 1887	1,520	330	80	16	26	4	.....	1,976
" 1888	1,830	310	114	9	25	1	.....	2,289
" 1889	1,811	285	80	6	17	2	.....	2,201
" 1890	1,746	318	118	25	24	2	.....	2,233
" 1891	2,699	472	261	7	3	.....	.....	3,442
" 1892	2,700	257	228	9	.....	.....	.....	3,203
" 1893	2,779	217	216	4	.....	.....	.....	3,316
" 1894	2,887	354	182	4	.....	.....	.....	3,427
" 1895	2,457	368	189	.....	.....	.....	.....	3,014
" 1896	3,253	368	209	.....	.....	.....	.....	3,830
" 1897	2,450	282	171	1	.....	.....	.....	2,904
" 1898	2,059	415	196	.....	.....	.....	.....	2,670
" 1899	1,814	269	160	.....	.....	.....	.....	2,243
" 1900	1,661	266	176	.....	.....	.....	.....	2,103
" 1901	1,562	183	138	.....	.....	.....	.....	1,883
Totals	41,687	7,032	3,149	182	442	9	8	52,509

PRIVATE CONNECTIONS PUT IN FROM APRIL 1, 1900, TO APRIL 1, 1901.—"B" 6.

STREET.	BETWEEN	AND	Size in.	STOP VALVES. 3 in.	4 in.	6 in.	8 in.	DATE.	OWNER.	USED FOR
Morgan st	Twentieth st	Twenty-first st	3	1		1		April 12, 1900.	Majestic Mfg. Co	Supply.
Washington av	Tenth st	Eleventh st	6			1		" 18, "	Washington University	Fire Protection.
Scott av	Twenty-first st	Twenty-second st	6			1		May 9, "	Pullman Co	" "
Main st	Cedar st	Plum st	3	1				" 25, "	August Niederhut	Elevator.
Elm st	Sixth st	Seventh st	6			1		June 6, "	Samuel Cupples R. E. Co	Fire Protection.
King's Highway	Forest Park boul	Duncan av	6			1		July 7, "	Forest Park	Supply.
Lucas av	Eighth st	Ninth st	6			1		" 10, "	Nathan Cole Inv. Co	Fire Protection.
Spruce st	Seventh st	Eighth st	4		1			" 10, "	O. H. Peckham Candy Co	Supply.
Wright st	Jefferson av	Parnell st	6			1		" 18, "	Chas. G. Stifel Est	Fire Protection.
University st		Garrison av	4		2			Aug. 5, "	Jemima Lindell Est	Supply.
Carr st	Sixth st	Seventh st	3	1				" 23, "	Columbia Paper Stock Co	Fire Protection.
Fifteenth st		Olive st	3	1				" 28, "	Huse & West	Supply.
Rutger st	Main st	Second st	3	1				Sept. 6, "	Laclede Gas Light Co	"
Lewis st	Dickson st	O'Fallon st	4		2			" 19, "	St. L. Refrig. & Cold Stor'ge Co.	"
Eleventh st	Spruce st	Clark av	6			1		" 29, "	Samuel Cupples R. E. Co	Fire Protection.
Spruce st	Tenth st	Eleventh st	6			1		" 29, "	" " " "	" "
Grand av		C. B. & Q. R. R	6			1		Oct. 9, "	C. B. & Q. R. R	Supply.
Franklin av	Sixth st	Broadway	6			1		" 26, "	Knox Estate	Fire Protection.
Vandeventer av	Laclede av	Forest Park boul	3	1				Nov. 13, "	Excelsior Mfg. & Transfer Co	" "
Mallinckrodt st	Main st	Hall st	4		1			" 14, "	Mallinckrodt Chemical Works	Supply.
Old Manchester rd	Chouteau av	Talmage av	4		1			" 19, "	Koken Iron Works	"
Lucas av	Ninth st	Tenth st	6			1		" 27, "	Ferguson McKinney D. G. Co.	Fire Protection.
Collins st	Cass av	Dickson st	3	1				" 28, "	Gold Seal Realty Co	Supply.
Reber place	Brannon av	Hereford st	3	1				Dec. 6, "	Blackmer & Post Pipe Co	Fire Protection.
Locust st	Twelfth st	Thirteenth st	6			1		" 12, "	Crane Co	" "
Macklind av	Arsenal st	Odell av	8	1		1	1	" 19, "	Insane Asylum	" "
Morgan st	Eighteenth st	Nineteenth st	4		1			" 19, "	Mo. School for the Blind	" "
Arsenal st	Dalton av	Wood av	8				1	" 22, "	Poor House	" "
Main st	O'Fallon st	Cass av	4		2			March 1, 1901.	C. B. & Q. R. R	" "
Mullanphy st	Twelfth st	Thirteenth st	6			1		" 5, "	Roberts, Johnson, Rand Shoe Co	" "
Second st	Convent st	Rutger st	3	1				" 9, "	N. K. Fairbanks	Supply.
Pine st	Eighteenth st	Nineteenth st	4		1			" 21, "	W. M. Clark	"
Sarah st	Wabash R. R.	Duncan av	4		1			" 28, "	Empire Brewing Co	"
Lewis st	Ashley st	Ashley st	3	2				" 28, "	Laclede Power Co	"

PIPE DISTRIBUTION, ETC., CONTRACTS.—"C" 1.

No. of Ordinance.	Appropriation.	Description of Contracts.	Contractors.	No. of Contract	Estimated Amount of Contract.	Expended Previous to Last Report 1899 to 1900.	Expended Since Last Report, 1899 to 1900.	Total Expended.	Expended on Pipe Distribution and W. W. Reconstruction, 1900-1901.	Balances. Transferred.	Balances. Not Transferred. Available.	
		Frt. Car Doorway, H. S. Eng. House No. 1	R. S. Gillespie	4930	$ 480 99	$ 484 00	....	$ 484 00	.....		.....	Complete.
		30 tons Electric Traveling Crane	Pawling & Harnischfeger	4758	5,500 00	4,675 00	915 58	5,590 58	915 58		.....	"
18994 & 20287	$465000 00	Reconst. of H. S. Eng. House No. 1	William McCulley & Co	5470	1,518 00	5,055 75	11,564 65	16,564 65	11,564 65	.....	$ 387,166 21	"
		H. S. Engs. Nos. 1,2 & 3	Edw. P. Allis Co	5344	272,000 00	.....	40,732 50	40,732 50	40,732 50			
		H. S. Foundations Nos. 1 and 2	William McCully & Co	5808	2,878 50	.....	856 41	856 41	856 41			
		Reconstruction H. S. Station No. 1	Miscellaneous				8,304 58	5,245 32	13,549 90	5,245 32		
		Laying Water Pipe	Patrick O'Donnell	5173	12,550 40	13,729 74	.....		13,729 74	.....		Complete.
19512	4000 00	" " "	Mound City Const. Co	5174	14,185 60	15,391 98	475 85	15,857 83	475 85	.....	9,924 53	"
		" " "	Miscellaneous			1,126 65	51 25	1,177 90	51 25			"
		" " "	R. J. Macdonald & Co	5406	17,720 00	19,018 99	3,865 02	19,888 01	3,869 02			"
19793	4300 00	" " "	E. Whelan & Co	5407	5,891 00	6,848 46	243 31	7,091 77	243 31	.....	14,862 92	"
		" " "	Miscellaneous			1,157 30	.....	1,157 30	.....			"
		Coal—Bissell's Pt	William Ratican	5473	27,000 00	23,440 16	21,181 90	44,622 06	.....	.....	.....	"
R. Ord.		Coal for Baden	" "	5474	19,908 00	8,429 32	8,170 93	16,600 25	.....	.....	.....	"
		Coal—Chain of R'ks	" "	5425	16,730 00	7,778 84	8,049 00	16,827 84	.....	.....	.....	"
		Water Pipe	U. S. Cast Iron Pipe & Foundry Co	5618	302,390 00	.....	189,733 33	189,733 33	189,733 33			"
19996	340000 00	Special Castings	Magnetite Foundry Co	5619	17,900 00	.....	13,425 00	13,425 00	13,425 00	.....	21,679 84	"
		Pipes, Valves, etc	Miscellaneous			.....	15,161 83	15,161 83	15,161 83			
		Water Pipes	U. S. Cast Iron Pipe & Foundry Co	5618	302,390 00	.....	137,450 00	137,450 00	137,450 00			"
		Special Castings	Magnetite Foundry Co	5619	17,900 00	.....	6,258 00	6,258 00	6,258 00			"
19967	283000 00	Fire Plugs	Pleuger & Henger Mfg. Co	5620	10,750 00	.....	12,231 00	12,231 00	12,231 00	.....	31,697 96	"
		Laying Water Pipes	R. J. Macdonald	5621	38,618 00	.....	18,251 05	18,265 05	18,251 05			
		Stop Valves	Michigan Brass & I. Wks.	2625	21,782 00	.....	27,111 99	27,111 99	27,111 99			"
		Laying Water Pipe	R. J. Macdonald	5621	38,618 00	.....	13,855 39	13,855 39	13,855 39			
19968	60000 00	" " "	John O'Donnell	5622	28,210 50	.....	27,149 06	27,149 06	27,149 06	.....	16,599 40	
		" " "	Miscellaneous			.....	2,396 15	2,396 15	2,396 15			
		Coal—Bissell's Pt	William Ratican	5805	25,200 00	.....	26,352 39	26,352 39	.....			
R. Ord.	.....	Coal for Baden	Boehner Coal Co	5806	20,800 00	.....	19,764 04	19,764 04	.....	.....		
		Coal—Chain of R'ks	" " "	5807	16,092 00	.....	10,062 23	10,062 23	.....			

Total amount expended for Pipe Distribution from April 1st, 1900, to April 1st, 1901..... $467,662 23
Total amount expended for Water Works Reconstruction from April 1st, 1900, to April 1st, 1901..... 59,314 46

PRIVATE CONNECTIONS PUT IN FROM APRIL 1, 1900, TO APRIL 1, 1901.—"B" 6.

STREET.	BETWEEN	AND	Size in.	STOP VALVES. 3 in.	4 in.	6 in.	8 in.	DATE.	OWNER.	USED FOR
Morgan st	Twentieth st	Twenty-first st	3	1		1		April 12, 1900.	Majestic Mfg. Co	Supply.
Washington av	Tenth st	Eleventh st	6			1		" 18, "	Washington University	Fire Protection.
Scott av	Twenty-first st	Twenty-second st	6			1		May 9, "	Pullman Co	" "
Main st	Cedar st	Plum st	3	1				" 25, "	August Niederhut	Elevator.
Elm st	Sixth st	Seventh st	6			1		June 6, "	Samuel Cupples R. E. Co	Fire Protection.
King's Highway	Forest Park boul	Duncan av	6			1		July 7, "	Forest Park	Supply.
Lucas av	Eighth st	Ninth st	6			1		" 10, "	Nathan Cole Inv. Co	Fire Protection.
Spruce st	Seventh st	Eighth st	4		1			" 10, "	O. H. Peckham Candy Co	Supply.
Wright st	Jefferson av	Parnell st	6			1		" 18, "	Chas. G. Stifel Est	Fire Protection.
University st		Garrison av	4		2			Aug. 5, "	Jemima Lindell Est	Supply.
Carr st	Sixth st	Seventh st	3	1				" 23, "	Columbia Paper Stock Co	Fire Protection.
Fifteenth st		Olive st	3	1				" 28, "	Huse & West	Supply.
Rutger st	Main st	Second st	3	1				Sept. 6, "	Laclede Gas Light Co	"
Lewis st	Dickson st	O'Fallon st	4		2			" 19, "	St. L. Refrig. & Cold Stor'ge Co.	"
Eleventh st	Spruce st	Clark av	6			1		" 29, "	Samuel Cupples R. E. Co	Fire Protection.
Spruce st	Tenth st	Eleventh st	6			1		" 29, "	" " " "	" "
Grand av		C. B. & Q. R. R	6			1		Oct. 9, "	C. B. & Q. R. R	Supply.
Franklin av	Sixth st	Broadway	6			1		" 26, "	Knox Estate	Fire Protection.
Vandeventer av	Laclede av	Forest Park boul	3	1				Nov. 13, "	Excelsior Mfg. & Transfer Co	" "
Mallinckrodt st	Main st	Hall st	4		1			" 14, "	Mallinckrodt Chemical Works	Supply.
Old Manchester rd	Chouteau av	Talmage av	4		1			" 19, "	Koken Iron Works	"
Lucas av	Ninth st	Tenth st	6			1		" 27, "	Ferguson McKinney D. G. Co	Fire Protection.
Collins st	Cass av	Dickson st	3	1				" 28, "	Gold Seal Realty Co	Supply.
Reber place	Brannon av	Hereford st	3	1				Dec. 6, "	Blackmer & Post Pipe Co	Fire Protection.
Locust st	Twelfth st	Thirteenth st	6			1		" 12, "	Crane Co	" "
Macklind av	Arsenal st	Odell av	8	1		1	1	" 19, "	Insane Asylum	" "
Morgan st	Eighteenth st	Nineteenth st	4		1			" 19, "	Mo. School for the Blind	" "
Arsenal st	Dalton av	Wood av	8				1	" 22, "	Poor House	" "
Main st	O'Fallon st	Cass av	4		2			March 1, 1901.	C. B. & Q. R. R	" "
Mullanphy st	Twelfth st	Thirteenth st	6			1		" 5, "	Roberts, Johnson, Rand Shoe Co	" "
Second st	Convent st	Rutger st	3	1				" 9, "	N. K. Fairbanks	Supply.
Pine st	Eighteenth st	Nineteenth st	4		1			" 21, "	W. M. Clark	"
Sarah st	Wabash R. R.	Duncan av	4		1			" 28, "	Empire Brewing Co	"
Lewis st	Ashley st	Ashley st	3	2				" 28, "	Laclede Power Co	"

PIPE DISTRIBUTION, ETC., CONTRACTS.—"O" 1.

No. of Ordinance.	Appropriation.	Description of Contracts.	Contractors.	No. of Contract.	Estimated Amount of Contract.	Expended Previous to Last Report 1899 to 1900.	Expended Since Last Report, 1899 to 1900.	Total Expended.	Expended on Pipe Distribution and W. W. Reconstruction, 1900-1901.	Balances. Transferred.	Balances. Not Transferred. Available.	
18994 & 20287	$465000 00	Frt. Car Doorway, H. S. Eng. House No. 1	R. S. Gillespie	4930	$ 480 99	$ 484 00	.....	$ 484 00	.....		.....	Complete.
		30 tons Electric Traveling Crane	Pawling & Harnischfeger	4758	5,500 00	4,675 00	915 58	5,590 58	915 58		.....	"
		Reconst. of H. S. Eng. House No. 1	William McCulley & Co	5470	1,518 00	5,055 75	11,564 65	16,564 65	11,564 65	.....	$ 387,166 21	"
		H. S. Engs. Nos. 1,2 & 3	Edw. P. Allis Co	5344	272,000 00	.....	40,732 50	40,732 50	40,732 50			
		H. S. Foundations Nos. 1 and 2	William McCully & Co	5808	2,878 50	.....	856 41	856 41	856 41			
		Reconstruction H. S. Station No. 1	Miscellaneous			8,304 58	5,245 32	13,549 90	5,245 32			
19512	4000 00	Laying Water Pipe	Patrick O'Donnell	5173	12,550 40	13,729 74	.....	13,729 74	.....			Complete.
		" " "	Mound City Const. Co	5174	14,185 60	15,391 98	475 85	15,857 83	475 85	.....	9,224 53	"
		" " "	Miscellaneous			1,126 65	51 25	1,177 90	51 25			"
19793	4300 00	" " "	R. J. Macdonald & Co	5406	17,720 00	19,018 99	3,865 02	19,888 01	3,869 02			"
		" " "	E. Whelan & Co	5407	5,891 00	6,848 46	243 31	7,091 77	243 31	.....	14,862 92	"
		" " "	Miscellaneous			1,157 30	.....	1,157 30	.....			"
R. Ord.		Coal—Bissell's Pt	William Ratican	5473	27,000 00	23,440 16	21,181 90	44,622 06	.....	.....	.....	"
		Coal for Baden	" "	5474	19,908 00	8,429 32	8,170 93	16,600 25	.....	.....	.....	"
		Coal—Chain of R'ks	" "	5425	16,730 00	7,778 84	8,049 00	16,827 84	.....	.....	.....	"
19996	240000 00	Water Pipe	U. S. Cast Iron Pipe & Foundry Co	5618	302,390 00	.....	189,733 33	189,733 33	189,733 33			"
		Special Castings	Magnetite Foundry Co	5619	17,900 00	.....	13,425 00	13,425 00	13,425 00	.....	21,679 84	"
		Pipes, Valves, etc	Miscellaneous			.....	15,161 83	15,161 83	15,161 83			
19967	233000 00	Water Pipes	U. S. Cast Iron Pipe & Foundry Co	5618	302,390 00	.....	137,450 00	137,450 00	137,450 00			"
		Special Castings	Magnetite Foundry Co	5619	17,900 00	.....	6,258 00	6,258 00	6,258 00			"
		Fire Plugs	Pleuger & Henger Mfg. Co.	5620	10,750 00	.....	12,231 00	12,231 00	12,231 00	.....	31,697 96	"
		Laying Water Pipes	R. J. Macdonald	5621	38,618 00	.....	18,251 05	18,265 05	18,251 05			
		Stop Valves	Michigan Brass & I. Wks.	2625	21,782 00	.....	27,111 99	27,111 99	27,111 99			"
19968	60000 00	Laying Water Pipe	R. J. Macdonald	5621	38,618 00	.....	13,855 39	13,855 39	13,855 39			
		" " "	John O'Donnell	5622	28,210 50	.....	27,149 06	27,149 06	27,149 06	.....	16,599 40	
		" " "	Miscellaneous			.....	2,396 15	2,396 15	2,396 15			
R. Ord.		Coal—Bissell's Pt	William Ratican	5805	25,200 00	.....	26,352 39	26,352 39	.....	.....		
		Coal for Baden	Boehner Coal Co	5806	20,800 00	.....	19,764 04	19,764 04	.....	.....		
		Coal—Chain of R'ks	" " "	5807	16,092 00	.....	10,062 23	10,062 23	.....			

Total amount expended for Pipe Distribution from April 1st, 1900, to April 1st, 1901 ..... $467,662 23
Total amount expended for Water Works Reconstruction from April 1st, 1900, to April 1st, 1901 ..... 59,314 46

WATER WORKS EXTENSION CONTRACTS—"C".

No. of Ordinance.	Appropriation.	DESCRIPTION OF CONTRACTS.	CONTRACTORS.	No. of Contracts.	Estimated Amount of Contract.	Expended previous to last report 1899 to 1900.	Expended since last Report 1899 to 1900.	Total Expended.	Expended on Water Works Extension, 1900-1901.	BALANCES. Transferred.	BALANCES. Not Transferred. Available.	
17006	$220,000 00	H. S. Eng. Nos. 7 and 8	Edward P. Allis	3549	$132,000 00	$170,156 34	$20,711 26	$190,867 60	$20,711 26	.....	$373 71	Complete.
		Baden Station	Miscellaneous	....	....	28,758 69	....	28,738 69	.....	.....	2,780 40	"
17737	250,000 00	H. S. Buildings at Baden.	Miscellaneous	....	.....	242,709 29	4,510 31	247,219 60	4,510 31	.....	.....	"
18085 and 20238	270,000 00	H. S. Eng. No. 9 and 10	Edward P. Allis & Co.	4427	167,000 00	208,589 35	42,771 92	251,361 27	42,771 92	....	.....	"
		H. S. Boilers at Baden	John O'Brien Boiler Works Company	4573	15,873 00	13,926 04	.....	13,926 04	.....	.....	3,245 57	"
		H. S. Engs. Nos. 9 and 10	Miscellaneous	....	....	1,467 12	....	1,467 12	.....	.....	....	
18562	225,000 00	L. S. Engs. Nos. 8 and 9	Edward P. Allis & Co.	4481	126,400 00	165,391 20	8,704 80	174,096 00	8,704 80	....	.....	"
		" " " "	Miscellaneous	....	....	10,784 54	.....	10,784 54	.....	.....	40,119 46	"
		Stand Pipe No. 3	Richard Widdecombe	4456	6,982 63	6,817 74	.....	6,817 74	.....	.....	.....	"
18565	100,000 00	" " "	R. S. Colnon	4903	44,890 50	48,113 73	....	48,113 73	.....	.....	.....	"
		" " "	Francis McCabe	5832	447 00	....	785 04	785 04	785 04	.....	28,225 46	
		" " "	Miscellaneous	....	.....	6,053 87	15,004 16	21,058 03	15,004 16	....	.....	
19004 and 20046	110,000 00	Revt. of Riv. Bk. Chain of Rks	McCully Stone Mason Co	4891	31,243 00	18,778 47	.....	18,778 47	.....	.....	.....	"
		" " " " "	John Short	5810	54,726 00	.....	48,299 86	48,299 86	48,299 86	.....	41,030 11	"
		" " " " "	Miscellaneous	....	.....	1,873 21	18 35	1,891 56	18 35	.....	.....	
19630	225,000 00	H. S. Engs. Nos 11 and 12	Edward P. Allis & Co.	5472	187,740 00	16,164 58	114,508 72	130,673 30	114,508 72	.....	.....	
		" " " "	Miscellaneous	....	.....	....	84 84	84 84	84 84	....	94,241 86	
19513	30,000 00	Permanent Bridges over Horse, etc., Creeks	Central Bridge Co	5760	17,020 50	.....	17,814 08	17,814 08	17,814 08	.....	12,157 79	"
			Miscellaneous	....	.....	....	28 13	28 13	28 13	.....	.....	
		Pump Main No. 9	Fulton Iron Works	5809	10,785 50	.....	10,877 95	10,877 95	10,877 95	....	.....	"
20078	250,000 00	" " "	U. S. Cast Iron Pipe and Foundry Co.	5827	128,497 60	.....	57,051 50	57,051 50	57,051 50	.....	177,783 75	
		" " "	U. S. Cast Iron Pipe and Foundry Co.	5828	7,480 00	.....	4,276 80	4,276 80	4,276 80	.....	....	

Total amount expended High Service Extension from April 1st, 1900, to April 1st, 1901 ..... $288,424 71
Total amount expended Low Service Extension from April 1st, 1900, to April 1st, 1901 ..... 57,023 01

WATER WORKS FUND.—"D" 1.

Appropriated by —		
Ordinance No. 20152 Commissioner's Office	$12,000 00	
" " " Distribution System	18,000 00	
" " " Tap and Meter Department	18,000 00	
" " " High and Low Service Engines	300,000 00	
" " " Settling Basins	90,000 00	
" " " Street Service Department	100,000 00	
" " " Inspection	12,500 00	
" " " Storage Reservoir	9,000 00	$559,500 00
Transferred from Contracts and other deposits to Street Service Department		9,178 44
		$568,678 44
Amounts refunded to Street Service Department from Contracts and other deposits for doing private work	$9,173 44	
Amount received by Assessor and Collector of Water Rates for material and labor furnished on taps, shut-offs, repairing meters, etc	7,228 65	
Amount received for old engines, scrap iron, cinders, etc	13,554 29	
Amount transferred to Water Works revenue	24,905 32	54,861 70
Net cost for maintenance of Water Commissioner's Department for the year ending April 1st, 1901		$513,811 74

WATER PIPE FUND.—"D" 2.

Appropriated by Ordinance No. 20317		$50,000 00
" " " " 20387		175,000 00
Reappropriated to —		
Lay water pipe, Ordinance No. 20317	$50,000 00	
Purchase water pipe, etc., Ordinance No. 20387	175,000 00	
	$225,000 00	$225,000 00

WATER WORKS EXTENSION FUND.—"D" 3.

Appropriated by Ordinance No. 20078		$250,000 00
" " " " 20097		12,500 00
" " " " 20200		22,500 00
" " " " 20238		45,000 00
" " " " 20397		50,000 00
Reappropriated —		
To lay Pump Main No 9, Ordinance No. 20078	$250,000 00	
For Water Works Extension, Salaries, etc., Ord. No. 20097	12,500 00	
For Water Works Extension, Salaries, etc., Ord. No. 20200	22,500 00	
To High Service Engines Nos. 9 and 10, Ord. No. 20238	45,000 00	
To Purchase Real Estate, Ordinance No. 20397	50,000 00	
	$380,000 00	$380,000 00

WATER WORKS RECONSTRUCTION FUND—"D" 4.

Appropriated by Ordinance No. 20237		$115,000 00
" " " " 20392		81,000 00
Reappropriated to —		
High Service Pumping Station No. 1, Ord. No. 20237	$115,000 00	
Machine Shop, Storage Coal Shed, etc., Ord. No. 20392	81,000 00	
	$196,000 00	$196,000 00

ELECTRIC PLANT WATERWORKS FUND—"D" 5.

Appropriated, Ordinance No. 20207		$37,500 00
Reappropriated —		
To Electric Plant Water Works, Ord. No. 20207	$37,500 00	
	$37,500 00	$37,500 00

HIGH SERVICE ENGINES, BADEN — "D" 10.

	April.	May.	June.	July.	August.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	Totals.
Pay Rolls..	$2,486 83	$2,200 00	$2,300 00	$2,500 00	$2,700 00	$2,700 00	$2,700 00	$2,500 00	$2,507 50	$2,416 00	$2,055 00	$2,200 00	$2,926 33
Coal	1,561 33	1,081 75	1,011 37	1,622 17	3,019 41	2,182 45	2,643 28	2,158 27	1,907 41	2,088 40	1,559 68	2,488 36	2,382 88
Repairs to Machinery and Boilers	1,131 63	1,197 62	1,042 79	1,081 60	685 71	721 00	739 06	907 74	1,014 75	1,067 23	1,249 60	1,717 17	1,253 99
Tools and Repairs	10 95	75	2 55	28 40	8 99	10 12	.....	27 21	10 00	2 40	11 55	31 22	143 94
Oils and Tallow	.....	164 49	6 13	44 75	55 08	225 20	83 33	83 07	114 15	49 20	29 43	172 66	1,027 49
Hemp Packing and White Waste	.....	72 94	.....	37 75	70 66	.....	73 25	.....	.....	77 81	.....	67 50	399 91
Rubber Valves, Packing and Hose	.....	.....	46 75	75 38	191 67	12 88	.....	.....	44 94	.....	10 08	28 05	409 75
Engine House, etc., Supplies	116 40	187 57	294 70	688 39	118 83	126 72	98 59	436 63	118 35	94 05	147 14	107 02	2,584 39
Office Supplies, Ice, etc	52 55	36 12	9 50	70 67	70 19	101 59	61 56	40 23	5 40	8 10	85 00	35 70	576 61
Rent of Telephones	.....	.....	62 50	.....	.....	31 25	.....	.....	.....	.....	.....	41 25	135 00
Repairing and Cleaning Buildings	528 87	830 74	528 01	815 47	886 37	465 45	412 49	460 91	562 75	559 98	452 18	567 08	7,770 15
Water Works Extension, Settling Basins, etc	26 03	81 91	253 99	73 46	176 92	270 89	494 83	309 08	169 17	245 47	162 98	312 23	2,277 66
Coal Stored at Humboldt Av. Shed	.....	.....	.....	.....	.....	2,948 26	219 15	181 23	180 63	304 24	418 03	489 65	4,736 19
	$5,914 59	$5,853 89	$5,558 29	$7,038 04	$7,963 73	$9,790 90	$7,525 54	$7,104 87	$6,635 05	$6,912 88	$6,180 42	$8,258 59	$84,736 29

LOW SERVICE ENGINES, CHAIN OF ROCKS. — "D" 11.

	April.	May.	June.	July.	August.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	Totals.
Pay Roll	$2,284 66	$2,307 16	$2,300 00	$2,400 00	$2,300 00	$2,200 00	$2,200 00	$2,085 00	$2,000 00	$2,100 00	$2,100 00	$2,000 00	$26,226 82
Coal	1,367 70	1,246 98	1,279 74	1,107 26	3,047 32	1,654 81	1,566 23	1,151 49	1,623 77	1,362 33	1,398 25	1,421 00	18,256 88
Repairs to machinery and boilers	663 86	542 01	722 40	619 94	572 31	640 05	719 56	941 79	914 09	959 23	1,955 89	1,379 14	10,630 27
Tools and repairs	.....	2 60	.....	4 50	.....	8 63	.....	14 50	.....	32 00	808 06	.....	868 29
Oils and tallow	.....	69 45	62 10	38 30	66 40	161 53	98 45	80 71	45 02	44 18	14 05	282 66	942 85
Hemp, packing and white waste	39 00	.....	37 69	.....	188 54	308 44	74 62	.....	.....	38 19	.....	29 52	716 00
Rubber valves, packing and hose	49 77	.....	80 55	47 00	.....	521 12	.....	6 24	.....	8 25	543 12	.....	1,256 05
Engine house, etc., supplies	109 46	112 20	128 50	7 63	.....	181 98	70 19	278 22	298 22	49 82	253 32	355 70	1,845 98
Office supplies, Ice, etc	3 60	21 00	.....	61 55	42 87	31 34	71 82	.....	.....	1 30	1 25	29 90	264 63
Transportation of men	465 00	450 00	465 00	.....	450 00	930 00	450 00	465 00	450 00	465 00	465 00	420 00	5,475 00
Repairing buildings	534 81	424 50	113 65	344 23	303 12	388 27	499 96	305 95	397 86	447 22	401 41	363 72	4,519 70
Water Works extension, settling basins, etc	73 92	195 85	259 68	95 68	173 82	140 99	189 36	165 01	118 52	91 09	25 02	230 72	1,759 87
	$5,591 78	$5,371 75	$5,449 31	$4,726 09	$7,144 38	$7,162 16	$5,940 19	$5,494 65	$5,847 49	$5,598 61	$7,963 37	$6,492 56	$72,782 34

CONSTRUCTION DEPARTMENT.—"D" 12.

	April.	May.	June.	July.	August.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	Totals.
Pay rolls	$ 640 50	$ 658 50	$ 658 50	$ 801 25	$ 917 75	$1,004 00	$ 936 25	$ 869 25	$ 870 50	$ 852 50	$ 874 00	$1,030 00	$ 10,113 00
Stationery and printing	.....	.....	2 40	26 85	89 55	54 25	5 50	60	.....	4 95	31 20	.....	165 30
Drawing materials	.....	.....	.....	.....	.....	14 75	40 75	16 75	.....	.....	.....	37 20	109 45
Transportation	.....	.....	.....	19 00	4 25	3 12	.....	20 00	.....	.....	.....	.....	46 37
Engine inspection	30 00	81 55	.....	231 54	119 12	5 00	130 70	35 00	39 82	70 00	82 60	35 00	860 33
Office furniture, supplies, etc	1 50	4 00	.....	.....	.....	4 25	7 50	.....	7 50	45 73	48 20	12 70	131 38
Electrical supplies	28 97	8 00	4 03	.....	20	.....	.....	.....	.....	.....	29 33	4 35	74 88
Rock drill, etc	.....	.....	.....	.....	123 76	436 90	.....	.....	.....	.....	.....	.....	560 66
	$ 700 97	$ 752 05	$ 664 93	$1,078 64	$1,204 63	$1,522 27	$1,120 70	$ 941 60	$ 917 82	$ 973 18	$1,065 33	$1,119 25	$ 12,061 37

SETTLING BASINS, BISSELL'S POINT.—"D" 13.

	April.	May.	June.	July.	August.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	Totals
Pay Rolls, foreman and gatekeepers	$ 588 75	$ 587 00	$ 587 00	$ 601 00	$ 587 00	$ 693 75	$ 695 50	$ 693 75	$ 704 25	$ 702 50	$ 587 00	$ 705 87	$ 7,733 37
Grounds, roads and fences	766 68	946 37	796 61	761 38	860 25	608 74	681 00	416 05	505 04	670 49	464 48	1,137 39	8,614 48
Railroads and switches	99 75	311 25	201 62	11 00	.....	877 92	126 00	111 87	203 75	498 25	45 00	183 12	2,669 53
Sewers, pipes, drains, etc	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	136 44	212 22	348 66
Tools and repairs	.....	.....	113 00	25 21	.....	.....	3 75	162 60	.....	.....	.....	2 40	306 96
Miscellaneous work	147 00	199 50	231 00	169 50	188 62	183 74	148 92	64 75	167 12	168 00	301 00	258 95	2,228 10
Material for repairs, etc	.....	.....	91 50	132 75	.....	19 20	12 00	59 75	242 35	47 25	56 00	40 39	701 19
Office supplies, testing track, scales, etc	20 00	7 50	.....	70	.....	27 50	35 00	.....	240 35	20 00	6 30	.....	357 34
Horses, keep of horses, etc	.....	127 50	15 25	45 26	32 65	17 64	17 50	19 46	3 80	45 00	2 50	14 00	340 56
Water Works extension	.....	17 50	159 25	.....	47 25	40 25	.....	.....	.....	.....	.....	.....	264 25
Repairing conduit embankment, etc	59 50	.....	239 75	162 50	112 00	115 50	206 50	311 50	161 00	10 50	.....	.....	1,378 75
Repairing stand pipes	.....	68 25	40 25	.....	.....	1,246 57	.....	.....	.....	.....	.....	.....	1,355 07
Work at Baden	530 87	369 00	330 50	506 25	305 00	592 25	410 00	529 50	534 62	296 25	496 00	451 50	5,351 74
Work at Humboldt Avenue coal shed	.....	.....	82 10	116 15	230 75	.....	.....	.....	.....	.....	.....	.....	429 00
Work at Storage Reservoir	.....	.....	.....	213 84	144 84	209 51	2,697 95	2,723 67	207 03	162 75	57 75	247 31	6,664 65
Work for Street Service Department	.....	.....	.....	.....	.....	.....	155 75	.....	.....	.....	.....	.....	155 75
	$2,212 55	$2,633 87	$2,887 83	$2,745 54	$2,508 36	$4,632 57	$5,189 87	$5,092 90	$2,969 30	$2,620 99	$2,152 47	$3,253 15	$38,899 40

HIGH SERVICE ENGINES, BADEN—"D" 10.

	April.	May.	June.	July.	August.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	Totals.
Pay Rolls..	$2,486 83	$2,200 00	$2,300 00	$2,500 00	$2,700 00	$2,700 00	$2,700 00	$2,500 00	$2,507 50	$2,416 00	$2,055 00	$2,200 00	$2,926 33
Coal	1,561 33	1,081 75	1,011 37	1,622 17	3,019 41	2,182 45	2,643 28	2,158 27	1,907 41	2,088 40	1,559 68	2,488 36	2,382 88
Repairs to Machinery and Boilers	1,131 63	1,197 62	1,042 79	1,081 60	665 71	721 00	739 06	907 74	1,014 75	1,067 23	1,249 60	1,717 17	1,253 99
Tools and Repairs	10 95	75	2 55	28 40	8 99	10 12	.....	27 21	10 00	2 40	11 35	31 22	143 94
Oils and Tallow	.....	164 49	6 13	44 75	55 08	225 20	88 33	83 07	114 15	49 20	29 43	172 66	1,027 49
Hemp Packing and White Waste	.....	72 94	.....	37 75	70 66	.....	73 25	.....	....	77 81	.....	67 50	399 91
Rubber Valves, Packing and Hose	.....	.....	46 75	75 38	191 67	12 88	.....	.....	44 94	.....	10 08	28 05	409 75
Engine House, etc., Supplies	116 40	187 57	294 70	688 39	118 83	126 72	98 59	436 63	118 35	94 05	147 14	107 02	2,584 39
Office Supplies, Ice, etc	52 55	36 12	9 50	70 67	70 19	101 59	61 56	40 23	5 40	8 10	85 00	35 70	576 61
Rent of Telephones	.....	.....	62 50	.....	.....	31 25	.....	.....	.....	.....	.....	41 25	135 00
Repairing and Cleaning Buildings	528 87	830 74	528 01	815 47	886 37	465 45	412 49	460 91	562 75	559 98	452 13	567 08	7,770 15
Water Works Extension, Settling Basins, etc	26 03	81 91	253 99	73 46	176 92	270 89	494 83	309 08	169 17	245 47	162 98	312 93	2,277 66
Coal Stored at Humboldt Av. Shed	.....	.....	.....	.....	.....	2,943 26	219 15	181 23	180 63	304 24	418 03	489 65	4,736 19
	$5,914 59	$5,853 89	$5,558 29	$7,038 04	$7,963 73	$9,790 90	$7,525 54	$7,104 87	$6,635 05	$6,912 88	$6,180 42	$8,258 59	$84,736 29

LOW SERVICE ENGINES, CHAIN OF ROCKS.—"D" 11.

	April.	May.	June.	July.	August.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	Totals.
Pay Roll	$2,284 66	$2,307 16	$2,300 00	$2,400 00	$2,300 00	$2,200 00	$2,200 00	$2,085 00	$2,000 00	$2,100 00	$2,100 00	$2,000 00	$26,226 82
Coal	1,367 70	1,246 98	1,279 74	1,107 26	3,047 32	1,654 81	1,566 23	1,151 49	1,628 77	1,862 33	1,398 25	1,421 00	18,256 88
Repairs to machinery and boilers	663 86	542 01	722 40	619 94	572 31	640 05	719 56	941 79	914 09	959 23	1,955 89	1,379 14	10,630 27
Tools and repairs	.....	2 60	.....	4 50	.....	8 63	.....	14 50	.....	32 00	806 06	.....	868 29
Oils and tallow	.....	69 45	62 10	38 80	66 40	161 58	98 45	80 71	45 02	44 18	14 05	262 66	942 85
Hemp, packing and white waste	39 00	.....	37 69	.....	188 54	806 44	74 62	.....	.....	38 19	.....	29 52	716 00
Rubber valves, packing and hose	49 77	.....	80 55	47 00	.....	521 12	.....	6 24	.....	8 25	543 12	.....	1,256 05
Engine house, etc., supplies	109 46	112 20	128 50	7 63	.....	181 98	70 19	278 22	298 22	49 82	253 32	355 70	1,345 98
Office supplies, ice, etc	3 60	21 00	.....	61 55	42 87	31 34	71 82	.....	.....	1 30	1 25	29 90	264 63
Transportation of men	465 00	450 00	465 00	.....	450 00	930 00	450 00	465 00	450 00	465 00	465 00	420 00	5,475 00
Repairing buildings	534 81	424 50	113 65	344 23	303 12	383 27	499 96	305 95	397 86	447 22	401 41	363 72	4,519 70
Water Works extension, settling basins, etc	73 92	195 85	259 68	95 68	173 82	140 99	189 36	165 01	118 52	91 09	25 02	230 72	1,759 87
	$5,591 78	$5,371 75	$5,449 31	$4,726 09	$7,144 88	$7,162 16	$5,940 19	$5,494 65	$5,847 49	$5,598 61	$7,963 37	$6,492 56	$72,782 34

CONSTRUCTION DEPARTMENT.—"D" 12.

	April.	May.	June.	July.	August.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	Totals.
Pay rolls	$ 640 50	$ 658 50	$ 658 50	$ 801 25	$ 917 75	$1,004 00	$ 986 25	$ 869 25	$ 870 50	$ 852 50	$ 874 00	$1,030 00	$ 10,113 00
Stationery and printing	.....	.....	2 40	26 85	39 55	54 25	5 50	60	.....	4 95	31 20	.....	165 30
Drawing materials	.....	.....	.....	.....	.....	14 75	40 75	16 75	.....	.....	.....	37 20	109 45
Transportation	.....	.....	.....	19 00	4 25	3 12	.....	20 00	.....	.....	.....	.....	46 37
Engine inspection	30 00	81 55	.....	231 54	119 12	5 00	130 70	35 00	39 82	70 00	82 60	35 00	860 33
Office furniture, supplies, etc	1 50	4 00	.....	.....	.....	4 25	7 50	.....	7 50	45 73	48 20	12 70	131 38
Electrical supplies	28 97	8 00	4 03	.....	20	.....	.....	.....	.....	.....	29 33	4 35	74 88
Rock drill, etc	.....	.....	.....	.....	123 76	436 90	.....	.....	.....	.....	.....	.....	560 66
	$ 700 97	$ 752 05	$ 664 93	$1,078 64	$1,204 63	$1,522 27	$1,120 70	$ 941 60	$ 917 82	$ 973 18	$1,065 33	$1,119 25	$ 12,061 37

SETTLING BASINS, BISSELL'S POINT.—"D" 13.

	April.	May.	June.	July.	August.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	Totals
Pay Rolls, foreman and gatekeepers	$ 588 75	$ 587 00	$ 587 00	$ 601 00	$ 587 00	$ 693 75	$ 695 50	$ 693 75	$ 704 25	$ 702 50	$ 587 00	$ 705 87	$ 7,733 37
Grounds, roads and fences	766 68	946 37	796 61	761 38	860 25	608 74	681 00	416 05	505 04	670 49	464 48	1,137 39	8,614 48
Railroads and switches	99 75	311 25	201 62	11 00	.....	877 92	126 00	111 87	203 75	498 25	45 00	183 12	2,669 53
Sewers, pipes, drains, etc	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	136 44	212 22	348 66
Tools and repairs	.....	.....	113 00	25 21	.....	.....	3 75	162 60	.....	.....	.....	2 40	306 96
Miscellaneous work	147 00	199 50	231 00	169 50	188 62	183 74	148 92	64 75	167 12	168 00	301 00	258 95	2,228 10
Material for repairs, etc	.....	.....	91 50	132 75	.....	19 20	12 00	59 75	242 35	47 25	56 00	40 39	701 19
Office supplies, testing track, scales, etc	20 00	7 50	.....	70	.....	27 50	35 00	.....	240 35	20 00	6 30	.....	357 34
Horses, keep of horses, etc	.....	127 50	15 25	45 26	32 65	17 64	17 50	19 46	3 80	45 00	2 50	14 00	340 56
Water Works extension	.....	17 50	159 25	.....	47 25	40 25	.....	.....	.....	.....	.....	.....	264 25
Repairing conduit embankment, etc	59 50	.....	239 75	162 50	112 00	115 50	206 50	311 50	161 00	10 50	.....	.....	1,378 75
Repairing stand pipes	.....	68 25	40 25	.....	.....	1,246 57	.....	.....	.....	.....	.....	.....	1,355 07
Work at Baden	530 87	369 00	330 50	506 25	305 00	592 25	410 00	529 50	534 62	296 25	496 00	451 50	5,351 74
Work at Humboldt Avenue coal shed	.....	.....	82 10	116 15	230 75	.....	.....	.....	.....	.....	.....	.....	429 00
Work at Storage Reservoir	.....	.....	.....	213 84	144 84	209 51	2,697 95	2,723 67	207 03	162 75	57 75	247 31	6,664 65
Work for Street Service Department	.....	.....	.....	.....	.....	.....	155 75	.....	.....	.....	.....	.....	155 75
	$2,212 55	$2,633 87	$2,887 83	$2,745 54	$2,508 36	$4,632 57	$5,189 87	$5,092 90	$2,969 30	$2,620 99	$2,152 47	$3,253 15	$38,899 40

SETTLING BASINS, CHAIN OF ROCKS.—"D" 14.

	April.	May.	June.	July.	August.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	Totals.
Pay Rolls, foremen and gatekeepers	$ 477 50	$ 474 00	$ 474 50	$ 477 50	$ 514 25	$ 512 59	$ 505 50	$ 496 75	$ 489 75	$ 493 25	$ 474 00	$ 484 50	$ 5,873 50
Grounds, roads and fence	582 59	748 16	850 53	977 31	1,008 52	209 12	15 00	169 75	119 00	136 50	165 25	586 04	5,547 77
Cle ning basins	.....	705 87	889 94	700 58	408 12	123 72	345 28	.....	.....	.....	.....	.....	3,173 51
Railroads and switches	450 06	1,561 13	519 82	873 06	519 82	778 68	278 37	114 55	140 69	478 12	1,551 86	877 53	8,403 67
Sewers, drains, etc	.....	.....	70 08	.....	.....	76 20	.....	.....	100 00	.....	.....	31 25	277 53
Repairing, gatehouses and basins	37 50	46 75	193 85	22 75	27 50	5 00	18 12	12 50	.....	.....	.....	.....	368 97
Tools and repairs	34 41	184 44	80 65	36 48	.....	35 44	78 85	29 30	480 56	.....	80 57	142 85	1 138 55
Miscellaneous work	113 50	27 00	52 50	89 70	296 85	162 97	80 84	273 70	14 50	69 37	65 40	52 67	1,299 00
Materials for repairs, etc	20 00	3 00	310 14	50 35	.....	866 93	352 80	207 00	56 00	15 00	85 88	324 84	2,291 44
Office supplies, testing scales, etc	.....	.....	.....	.....	.....	54 00	5 54	16 28	.....	.....	.....	.....	75 82
New park	.....	.....	.....	.....	.....	775 14	851 25	1,125 46	215 49	505 07	178 82	.....	3,651 23
Water works extension	.....	3 50	54 25	.....	35 00	43 75	50 75	114 37	98 00	94 50	108 87	120 22	723 21
Repairing conduit, embankment, etc.	.....	237 81	.....	176 53	1,935 15	119 87	818 20	362 69	.....	.....	.....	.....	3,650 25
Repairing inlet tower, fighting ice, etc.	.....	123 37	.....	92 13	.....	227 31	58 80	66 06	.....	173 85	147 28	56 00	944 80
Work at Baden	359 19	51 60	180 25	161 90	38 50	161 44	10 06	28 80	153 78	28 00	.....	78 97	2,252 49
Analysis of water	985 60	1,652 16	115 75	64 75	49 44	63 94	51 62	52 94	95 19	152 81	78 75	99 62	3,462 57
Work at Maline Creek, Compton Hill standpipe, etc.	110 75	.....	.....	.....	404 25	.....	226 77	36 75	.....	.....	.....	.....	778 52
	$ 3,171 10	$ 5,818 79	$ 3,796 74	$ 3,223 04	$ 5,237 40	$ 4,216 01	$ 3,747 25	$ 3,106 90	$ 3,172 96	$ 2,146 47	$ 2,936 68	$ 2,334 49	$ 42,907 83

STREET SERVICE DEPARTMENT.—"D" 15.

	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	Totals.
Pay rolls	$ 6,799 80	$6,337 21	$6,334 95	$ 6,274 35	$6,551 26	$5,980 71	$6,153 75	$6,034 95	$6,235 46	$5,433 45	$5,354 36	$ 6,069 52	$ 73,599 77
Pay rolls, pipe yard	408 75	644 60	413 50	402 75	423 04	319 30	411 60	398 65	408 75	415 30	362 87	415 20	5,019 41
Pay rolls, inspection	1,021 75	1,084 75	776 50	1,111 75	1,304 75	1,099 25	1,146 00	882 75	988 75	1,093 25	1,012 75	1,251 25	12,753 50
Horses, keep of horses, etc	.....	130 51	27 85	297 63	45 48	242 81	85 65	109 61	161 44	171 81	7 50	314 42	1,594 71
Wagons, harness and repairs	260 24	147 85	36 15	53 30	93 05	70 70	1 00	33 90	53 55	56 23	15 75	49 60	871 32
Tools and repairs	17 75	71 10	10 25	55 56	17 60	81 95	133 30	63 43	130 13	7 25	74 87	152 25	815 44
Hemp packing	.....	.....	.....	148 66	.....	.....	154 74	.....	.....	.....	.....	.....	303 40
Rubber valves, gaskets, etc	.....	.....	.....	648 88	17 60	.....	.....	2 93	.....	.....	.....	.....	669 41
Oil	.....	4 64	.....	26 49	.....	12 96	.....	95 73	22 43	.....	.....	53 59	215 84
Pig lead	.....	.....	.....	619 43	495 00	.....	.....	447 76	.....	.....	179 24	2,220 11	1,961 54
Coal and wood	54 94	13 88	.....	48 50	7 81	15 84	57 23	47 81	17 46	90 81	.....	76 96	430 74
Street car tickets	20 00	20 00	.....	20 00	40 00	40 00	20 00	40 00	40 00	40 00	20 00	40 00	340 00
Office and yard supplies and repairs	45 14	69 55	8 00	142 89	26 20	67 59	38 62	38 00	95 35	28 30	26 15	25 00	610 79
Rent of pipe yard, telephones, etc	1,200 00	25 60	.....	.....	25 00	.....	.....	40 29	.....	15 10	25 00	1,225 00	2,555 39
Valves and repairs	25	42 00	8 53	93 00	.....	1 00	.....	15 00	.....	.....	5 85	.....	165 63
Lumber for valve and fire plug boxes	.....	199 00	.....	364 60	.....	665 50	.....	345 00	.....	184 90	506 45	.....	2,265 45
Water pipe and special castings	.....	.....	11 75	62 75	.....	.....	.....	.....	.....	4 70	.....	.....	79 20
Materials, etc., for maintenance	38 12	433 04	56 60	268 97	160 50	158 28	307 22	68 83	278 79	893 25	506 83	258 38	3,423 81
Analysis of water	420 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	420 00
	$10,286 74	$9,208 13	$7,684 08	$10,639 51	$9,207 29	$8,755 89	$8,509 11	$8,659 14	$8,427 11	$8,454 35	$8,097 62	$10,171 38	$108,095 35
Labor employed making shut-offs, and condemned property sold												6,389 19	
Materials, labor, and hauling doing private work												9,173 44	15,512 63
													$93,582 72

INSPECTION.--"D" 16.

	April.	May.	June.	July.	August.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	Totals.
Pay rolls	$ 962 00	$ 990 00	$ 990 00	$ 930 00	$ 970 65	$ 990 00	$ 990 00	$ 990 00	$ 990 00	$ 990 00	$ 964 29	$ 920 32	$ 11,677 26

STORAGE RESERVOIR.—"D" 17.

	April.	May.	June.	July	August.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	Totals.
Pay rolls	$ 794 25	$ 915 50	$ 767 25	$ 787 25	$ 816 75	$ 775 75	$ 813 00	$ 671 50	$ 559 25	$ 502 00	$ 486 00	$ 557 75	$ 8,446 25
Material for grounds	.....	.....	.....	.....	10 45	.....	.....	.....	43 15	.....	13 99	.....	67 59
Tools and repairs	.....	.....	.....	109 10	1 20	17 00	.....	.....	.....	.....	.....	2 00	129 30
Repairing buildings and fences	.....	.....	.....	.....	.....	.....	.....	82 51	30 05	.....	.....	.....	112 56
Supplies	.....	.....	.....	3 50	.....	.....	69 50	23 84	13 25	15 20	7 41	7 32	140 02
	$ 794 25	$ 915 50	$ 767 25	$ 899 85	$ 828 40	$ 792 75	$ 882 50	$ 777 85	$ 645 70	$ 517 20	$ 507 42	$ 567 07	$ 8,895 72

WATER WORKS EXTENSION, SALARIES AND EXPENSES.—"D" 18.

	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	Totals.
Pay rolls	$1,884 75	$2,090 25	$2,216 00	$2,205 00	$2,247 85	$2,058 50	$2,117 50	$2,082 50	$2,095 00	$2,102 25	$2,064 75	$2,138 25	$25,302 60
Stationery and printing	5 00	150 56	70 03	17 50	164 13	.....	31 00	.....	30 60	1 50	19 80	41 70	531 82
Drawing materials	.....	15 00	16 00	.....	.....	.....	.....	.....	.....	.....	48 00	18 12	97 12
Surveying instruments and repairs	.....	16 00	16 75	.....	.....	.....	13 00	.....	.....	10 05	8 00	13 00	76 80
Transportation	46 90	225 74	271 83	66 46	46 89	181 50	87 15	48 98	129 25	69 02	36 37	88 39	1,298 48
Inspection	45 81	141 34	149 12	46 23	23 23	16 50	130 72	18 00	340 03	326 25	58 28	212 46	1,527 97
Office furniture and repairs	37 90	3 43	35 80	23 22	2 42	46 66	10 69	5 31	5 70	14 05	13 82	104 33	303 33
Baden office	2 40	14 50	10 51	.....	.....	.....	.....	.....	.....	1 20	6 50	13 64	48 75
Rent of telephones	.....	.....	2 85	31 25	.....	.....	.....	.....	.....	31 25	.....	.....	65 35
Analysis of water	1,208 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,208 00
	$3,230 76	$2,656 82	$2,788 89	$2,389 66	$2,504 52	$2,303 16	$2,390 06	$2,154 79	$2,600 58	$2,555 57	$2,255 52	$2,629 89	$30,460 22
Condemned horses sold													70 00
													$30,390 22

TESTS OF PORTLAND CEMENT MADE FOR WATER DEPARTMENT DURING THE YEAR ENDING APRIL 1ST, 1901.

Brand.	Number of Barrels.	Number of Sacks.	Samples Tested.	Age. In Air.	Age. In Water.	Average. Tensile Strength.	Average. Fineness on No. 100 Sieve.
Alpha	800		218	1 day.	6 days.	1019 8	92.7%
Alpha			50	"	2 "	865.	92.7%
Medusa	34		7	"	6 "	817.8	90.2%
Medusa			5	"	3 "	844.	90 2%
Nazareth	130		22	"	6 "	817.6	94 5%
Nazareth			29	"	2 "	745.	94 5%
Saylors	427		77	"	6 "	781 8	97.2%
Saylors			29	"	4 "	738.	97 2%
Saylors			22	"	2 "	527.3	97.2%
Saylors			16	"	1 "	418 2	97.2%
Diamond		471	38	"	6 "	775 2	94.7%
Diamond			10	"	5 "	765.2	94.7%
Diamond	442		161	"	6 "	706.7	95.4%
Marquette	2832		877	"	6 "	758 5	96. %
Marquette			71	"	1 "	541 8	96. %
Atlas	45		20	"	6 "	715 8	92.9%
Atlas	12		4	"	2 "	723 5	88.6%
Dyckerhoff	20		7	"	6 "	576	90.9%
Germania	15		5	"	6 "	523 6	92. %
Total	4757	471	1661				

TESTS OF PAVING BRICK MADE FOR WATER DEPARTMENT DURING THE YEAR ENDING APRIL, 1901.

Manufacture.	Tests Made.	% Loss by Impact and Abrasion.	Crossbreaking Stress per in. of Section.	Per cent Absorption.	Specific Gravity.
Wabash Clay Company	4	17.69	2210.	4.02	2.18
Alton Paving Brick Co.	1	21.02	2060.	3.19	2.21
Total	5				

SUMMARY OF CEMENT TESTS MADE DURING YEAR ENDING APRIL, 1901.

	Tests Representing. Barrels.	Tests Representing. Sacks.	Samples Tested.	Remarks.
Water Department	4,757	471	1,661	Neat tests.
Water Department			646	Experimental.
Street Department	8,457	45,601	7,274	Neat tests.
Street Department			380	Cement and Sand.
Sewer Department	4,993		1,700	Neat tests.
Total	18,207	46,072	11 661	

TESTS OF PAVING BRICK MADE DURING YEAR ENDING APRIL, 1901.

	Num Tests.	Remarks.
Water Department	5	Regular Tests.
Water Department	7	Experimental Tests.
Street Department	70	Regular Tests.
Street Department	18	Experimental Tests.
Sewer Department	21	Regular Tests.
Total	121	

APPENDIX A.

APRIL 27th, 1901.

Mr. Edward Flad, Water Commissioner:

DEAR SIR — The following is a brief report of the work accomplished under my department during the fiscal year ending in April, 1901. I give also an outline of the work that will probably be carried out in the year ending in April, 1902.

Beginning at the Chain of Rocks, the most important work done was on a contract for the completion of the revetment of the river bank. Work was begun on this contract in October, 1900, and is now almost completed. This work protects the southern part of the water works property and is about 3,600 feet long. The protection work has a vertical height of over 30 feet.

Above ordinary low water the bank was graded to a slope usually one vertical on three horizontal. A covering of gravel concrete from six to nine inches thick was laid on this slope. To prevent this work from being undermined, an apron or raft of two inch plank was built about 50 feet in width across the stream and was sunk along the entire length of the bank at the toe of the slope. This apron was covered with rock to a depth usually 18 inches. Wherever this apron lay in such deep water as to be submerged at the lowest stage of the river, bundles of willow brush were used in the place of sawed lumber, making what is known as a fascine mattress.

About 40 feet back from the top of the revetment a roadway was built along the shore. This road is 16 feet wide and is made of broken stone.

This line of the revetment is cut by a railroad incline, which is used as a connection for the Wiggins' Ferry Transfer Boats. This incline has been reconstructed to conform to the revetment. Another incline for future use has been graded and protected. This incline lies north of the old one and its full length is on the water works property.

For a large part of the year this work lies under water. It is to be expected that settlement will take place in part of the work without, however, involving any loss if properly managed. Whenever the river reaches the low stage in the next few years, the work should be carefully inspected and such improvements made as may appear advisable.

About $57,000 was expended on this work during the year. When completed it will cost about $63,000.

In my report last year I referred to a timber floating boom, which was placed at the inlet tower to fend off ice in winter. Our first winter with this boom showed it to be very useful in turning the main body of running ice away from the intake. In the position in which it was placed, however, considerable ice was drawn under it by the current. A plan was devised to overcome this difficulty. The boom was moved further upstream, and a small barge or flat boat was moved below the boom and in front of the intake screens. On the tower side of the barge a hanging screen or curtain was placed, suspended from the barge and so arranged that it can be raised or lowered as the river falls or rises. The lower edge of the curtain laps over the old timbers that once formed the lower courses of the old cofferdam surrounding the tower.

The designs for the curtain and barge were made by my assistants. The work was put in place in December, 1900. During the winter just past the scheme appeared to work perfectly. The water reaching the screens had to pass around the down-stream end of the curtain and no cake or sheet of ice reached the tower screens. The work of keeping the screens open in severely

cold weather is now but trifling, and as the tower is 1,500 feet from the shore and the problem of passing men to and from it is a serious one, we may consider that we have made a decided gain.

There is, however, another trouble which comes from ice and which our present arrangement of boom and curtain barge does not meet. When the temperature approaches zero the water of the river is full of minute crystals of ice. These will go wherever the water does. In our plant they pass through the tower and tunnel to the wet-well. In the wet-well the crystals of ice rise to the surface forming mush ice. Until a year ago this ice was removed from the well by thawing out with steam pipes. The amount of steam used in this way was at times very great, more steam being used for this purpose than for running the pumps while the trouble lasted. To avoid this strain on our steam-making plant, a scheme was devised to remove the mush ice from the wet-well by means of an endless chain elevator, driven by a small steam engine. The scheme was executed successfully. The machinery was assembled in December, 1900, and was ready for service on January 15, 1901.

On January 23, 1901, it was tested and found to remove the mush ice at the rate of about 10 to 15 cubic feet per minute. The ice was delivered automatically into dump-carts and finally dumped on a waste bank. So far as tried the ice-hoist has worked successfully, but as the winter has been a mild one there has been little opportunity to use the machine. It is believed, however, that the ice-hoist will be a decided gain to the department in keeping our pumps supplied with water in the severest weather.

Work was begun on August 1st, 1900, on a new steel railroad and highway bridge across Maline Creek for the City coal track. There was formerly a pile and timber trestle for our track and an independent highway bridge for Columbia Bottom road. The highway bridge was carried away by a freshet, so the new bridge was made to take the place of both. This bridge was tested with a heavy train in March, 1901, and is now in regular use for train service. Owing to some changes in the plans the bridge will not be ready for highway service for some weeks. The bridge will cost when completed, $18,256.53.

The bridge is 100 feet long and composed of one 48.5 foot span and two equal short spans. The girders rest on masonry piers, which are supported by piles driven to rock. The rails are 44 feet above the rock foundation and 31 feet above the bottom of the masonry. The masonry was carried below the bed of the creek to provide for the future lowering of the creek bed. The bridge has a solid steel floor covered with vitrified paving brick.

The conduit bridges over Maline, Horse and Harlem creeks have been provided with iron hand-railings for greater safety. These railings were put up in April, May and June, 1900, and cost $1,691.00.

The timber railroad trestle at Horse Creek was rebuilt during the year. The lumber and iron for this work cost about $726 00, and the total cost was about $1,275.00. The erection was done in August and September, 1900.

The line of Pump Main No. 9 has been surveyed. The stop and check valves for this work have been delivered. These valves cost $10,877.00. About 2,621 tons of 36 inch water pipe and 108 tons of special castings have been delivered. The last of the special castings should be delivered in April.

Three greenhouses were built at Baden. This work was begun in August and completed in October, and was built after plans made by my assistants.

Complete plans and specifications have been made for a brick building at

High Service Station No. 3, to be used as a generator house, or power house, for lighting all of our pumping stations and operating our passenger trains.

The most important work at Bissell's Point was the completion of the contract for reconstructing High Service Engine House No. 1. This work was completed in October and cost $17,155.69; $11,819.63 of this amount was expended during the year.

The new traveler frame was tested by raising and lowering and transporting a walking beam from one of the pumping engines. This beam weighed over 35 short tons. The traveler track showed no undue deflection or vibration.

The steel frame which carries the traveler is 59 feet in height, and the bridge has a span of 69 feet and a travel of 76 feet.

After the traveler was put in service, High Service engines Nos. 1 and 2 were dismantled by the pumping department. Work was then begun under my department taking out the masonry foundations of these engines. About half of the masonry has been removed, $1,035.00 having been expended.

In March work was begun on the construction of a new sewer system at Bissell's Point, to take the place of old sewers which are in bad condition. The new system will be shorter and more direct than the old.

Work was also begun in March on a general improvement of the grounds at Bissell's Point. This work includes new walks and terraces, and a large lily pond arranged for aquatic plants requiring artificial heat.

A trap for loading cinders from small dump-cars directly into large railroad cars was constructed last spring. A spur track of stardard gauge was needed; and trestle, etc., for narrow gauge. The office work and instrument work for these improvements have been done by my department.

In August work was begun on reconstruction around the base of Stand Pipe No. 2. The entrance steps were rebuilt and the circular granite retaining wall was cut down to a uniform height. The old mound was changed to a sloping terrace. This work was done by contract and was completed in September. The cost was $1,246.59.

At Compton Hill the work of rebuilding roads, walks, ponds, etc., was practically completed by December. The total cost of this work was about $19,500.00, and about $12,700.00 of this was expended in the last twelve months. This work was done under the direction of the extension department.

In November, 1900, work was begun on two large fountain basins, one on each side of Stand Pipe No. 3. These fountains should be completed during the spring months.

To prepare for the work of cleaning and repairing Compton Hill Reservoir, a new 24-inch sewer was built from the reservoir to the City sewer system. This sewer was built in August and September and cost $886.33.

After considerable preliminary work the actual operation of cleaning the mud out of the north basin of the Reservoir was begun on October 15th and completed in exactly one month.

The division wall between the two basins being considered too light to withstand a full head of water on one side, a series of heavy shores was put up when the cleaning was started. As soon as these shores were keyed up, the water was raised to elevation 170, which is about six feet below the extreme high water line.

As the mud had to be removed through a 12-inch pipe, and as this pipe lay at too high an elevation to admit of a rapid flow, the waste pipe was by suitable attachments converted into a siphon. The arrangement was highly successful

and the mud was carried off through the pipe as fast as desired. When about two-thirds of the mud had been removed from the floor, a 15-inch pipe extension was attached to the siphon, extending to the center of the floor where a sump was cut in the concrete. This arrangement shortened the distance of moving the mud by water and teams and worked satisfactorily.

The cost of cleaning basin, including incidentals and the estimated cost of the water used, was $4,039.55. This cost does not include shoring the division wall. There were about 27,000 cubic yards of mud, the depth being about 4 1-2 feet. The mud was fine grained and the lower half of it was quite tenacious, although easily cut with a shovel. The cost per cubic yard was 14.9 cents.

Indications of large leaks were found along the west bank of the basin.

During the past year estimates were made on the cost of obtaining water from Meramec Spring, about 95 miles from the City. These estimates were made from data furnished by the promoters of the scheme. This work was done in October.

Preliminary plans and an estimate of cost were made for public bathing pools to be located at Bissell's Point.

At the Chain of Rocks the revetment work must be completed. This should be a matter of a few weeks only. The same may be said of Maline Creek bridge.

The last of the special castings for pump main No. 9 should be delivered in April, 1901. About 2,679 tons of 36-inch water pipe for this main are still to be delivered. The laying of the pump main will be started in April and completed during the season. This work includes one new wagon bridge and several large culverts. The entire cost of this pump main will be about $177,865.00. The laying alone will be about $31,000.00.

Work on the generator house at Baden will begin at an early date, it is thought, and should be completed during the summer of 1901. This building will cost about $7,500.00. It will be a one-story brick building, supported on a pile foundation owing to its location over filled ground.

At Bissell's Point the work of removing the masonry engine foundations, High Service 1 and 2, will be completed. A concrete floor will then be put in that part of the engine pit, and concrete piers or bases for the new High Service engines 1 and 2 will be put in. This work in the engine house will cost about $2,900.00.

The work of constructing the new machine shop, etc., should be begun during the summer and completed during the year. This will be a fire-proof building, and will include a machine-shop proper, store-room, drafting-room, offices, lavatories, and a blacksmith shop as an outbuilding. The cost of these buildings will be about $40,000.00.

A new roof will be put on the boiler-house, High Service No. 1. It will be a tar and gravel roof on steel trusses. The cost will be about $9,000.00. This work should be begun and completed by next fall.

An appropriation has been made for a new storage coal shed at Bissell's Point. Work on the plans of this shed will be begun this spring and the shed will probably be completed during the year. The estimated cost of this shed is $27,000 00, with the necessary coal tracks, etc., but a cheaper shed may be decided upon.

The work of improving the grounds at Bissell's Point will be carried out, including the new lily pond. This pond will be 200 feet by 60 feet and will have

a puddle floor and concrete banks. The new sewer system will also be completed during the year. The improvements and sewer system together will cost about $3,600.00. The lines and grades will be given by my assistants.

At Compton Hill the two fountain basins will be completed, some new granite steps will be built in the terraces and the new water tower will be improved by encasing the observatory columns with terra cotta. The fountain basins, terrace steps, and terra cotta work together will cost about $4,500 00. The work should be completed in May. Electric lamps will be put in the tower, which is already wired for lighting.

If sufficient money be appropriated, some work will be done in the way of further improvement to Compton Hill Park. The roads and walks on the east, south and north sides will be altered and rebuilt so as to be more ornamental. No reliable estimates have been made of the cost of this work, but it is thought likely that ten or twenty thousand dollars will be expended.

The work of removing the mud from the south half of Compton Hill Reservoir will be completed in May, 1901. This work is expected to cost about $4,000.00.

When the reservoir is cleaned it is proposed to patch up soft places in the division wall of the reservoir and repair the gates and screens in the gate chambers. The banks and floor of the south basin will be examined and all breaks will be repaired. No accurate estimate can be made of what this work will cost until considerable excavation has been made at suspected points.

When the repairs of the south basin are completed and the work tested, it is proposed to do the same with the north basin.

Most respectfully,

S. B. RUSSELL,
Principal Assistant Engineer.

APPENDIX B.

REPORT OF COMMITTEE ON WATER DEPARTMENT OF THE BOARD OF PUBLIC IMPROVEMENTS ON MERAMEC SPRING PROJECT.

St. Louis, December 15, 1900.

Honorable Board of Public Improvements:

Gentlemen: — Your committee on Water Department submit the following report upon the proposition of Mr. G. E. M. Pratt, dated August 23, 1900, for furnishing a supply of water for the City of St. Louis from the Meramec Spring and the headwaters of the Meramec River, by gravity into the distribution system of the city at a price per million gallons which he states "shall not be to exceed the present cost plus the reasonable cost of filtration" (of Mississippi River water) with the condition that "the city must agree to take and pay for a minimum daily supply of seventy million (70,000,000) gallons and agree to take all of its water from the contractor up to the limit of said wokrs."

In the consideration of the Meramec Spring and River as a source of water supply for the City of St. Louis, the questions of first importance are: —

1. Quantity of supply with reference both to present and future needs.

2. Quality of water, and a comparison with the quality of water to be obtained from the Mississippi River.

3. Cost of constructing, operating and maintaining the works and extensions as such become necessary, compared with the cost of a suitable supply from the present source.

As secondary considerations we may mention: —

1. Municipal ownership, as contrasted with ownership in whole or in part by a private corporation.

2. Difficulty of providing against possible interruption of the supply due to accidents or to overt acts of evel-m nded persons.

In answer to a written request for copies of maps, plans, profiles, reports, etc., we received certain documents and plans, all of which are appended hereto and mark d for identification, Exhibit "A," "B," "C," "D," "E," "F," "G," "H," "I," "J" and "K."

Your committee gave Mr. Pratt and his associates an opportunity to explain the merits of the proposition at a hearing held November 30, 1900. A stenographic report of the meeting is hereto attached, marked Exhibit "P."

Your committee visited the spring, collected samples of water from the spring and from the Meramec River above the site of the proposed dam, and also made an examination of the proposed site of the distribution reservoir and of part of the pipe and conduit line.

QUANTITY OF WATER.

So far as we can learn, there have been no accurate gaugings of the flow of the Meramec spring, but the estimates of the flow as given in the documents submitted to us place the minimum flow at seventy-five million (75,000,000) gallons per day. The works are designed for a capacity of one hundred million gallons per day from the intake to the distributing reservoir. From this point to the city the capacity of the pipe line will necessarily be largely increased.

We assume that the capacity of the works as proposed would be sufficient until the average consumption for the month of maximum consumption reaches one hundred million gallons per day, which we estimate will obtain when the annual average consumption reaches eighty-seven million gallons per day.

The maximum daily consumption has already reached ninety-two million gallons.

During the month of August, 1900, the average daily consumption was eighty-two million gallons. We estimate that in 1905 the consumption for the maximum month will be about one hundred million gallons per day.

It is evident, therefore, that the spring cannot be depended upon to furnish a supply of water sufficient for the present needs of the city. Therefore, even at the outset, the supply of water from the spring would have to be supplemented by a supply from the drainage area of the Meramec River.

To supplement the supply from the spring Mr. Pratt proposes to place a dam across the valley of the Meramec and utilize the dry-weather flow of the Mera mec, coming from an area which is estimated as three hundred square miles. It is claimed that the spring and dry-weather flow from this drainage area combined would furnish the contemplated supply of one hundred million gallons per day. (See Exhibit "E.").

If the Meramec is to be considered as the source from which all future water supply for St. Louis is to be taken, under the proposition of Mr. Pratt or otherwise, it is necessary to look beyond the present wants of the city. We have already shown that the spring is by itself inadequate for our present needs, and that the estimated joint valume of the spring and dry-weather flow of the upper Meramec, one hundred and five millions gallons daily, will not suffice for anticipated demands much beyond 1905.

The statement was made to your committee that by resorting to storage reservoirs and impounding the surface waters, a constant supply could be

obtained of five hundred thousand gallons daily per square mile of drainage area, or approximately one hundred and fifty millions gallons daily from the three hundred square miles, which, with the flow of seventy-five million gallons from the spring gives an ultimate aggregate of two hundred and twenty-five million gallons daily (see exhibits "E" and "K"). The proposition names one hundred million gallons daily as the capacity of the proposed works, and virtually limits the immediately available supply to one hundred and five million gallons.

We have shown that about 1905 the needs of the city will require this full quantity. To obtain an additional supply it would be necessary to duplicate the entire line of conduits, tunnels and pipes, and to construct storage and impounding reservoirs.

If this necessity can be foreseen as likely to arise so soon, it would not be wise to entertain the present proposition.

In connection with the suggestion of resorting to storage reservoirs, the question arises whether the soil and rock formation in the area are favorable.

There is a strong presumption that nature has already taken much water into her storage and is discharging the stored waters through the Meramec and other very large springs which characterize the Meramec Valley. Some very large springs whose waters must come from this watershed are situated below the proposed intake reservoir.

Topographically the Meramec Spring is located in the watershed of the Upper Meramec. A high and continuous ridge intervenes between the spring and the valley of the Dry Fork. This creates a presumption that the spring is the outlet from nature's storage reservoir of waters which fall on the Meramec basin.

If the Meramec Spring is fed from the watershed of the Meramec River, then the flow of the spring cannot properly be added to Mr. Herschel's estimated yield of five hundred thousand gallons per square mile. Hence, under such an assumption, the combined available flow of the spring and river, with storage, becomes one hundred and fifty million gallons per day, in place of two hundred and twenty-five million gallons per day, as estimated by Mr. Herschel.

The latter estimate would be correct, provided the spring is fed from some other drainage area.

No information is at hand which would enable us to determine from what drainage area the spring receives its water.

QUALITY OF WATER.

Samples of water collected by your committee were submitted to chemical and bacterial analyses. (See exhibits "L" and "M.")

The chemical analyses of both the spring and river water indicate a good, potable water, but the bacterial analyses of the samples collected on September 30, 1900, gives five thousand six hundred bacteria per cubic centimeter in the spring water and two thousand bacteria per cubic centimeter in the Meramec River water above the site of the proposed dam; and in all of the samples collected the bacteria coli communis were present, this being the species of bacteria which is supposed to come only from foecal matter.

After heavy rains the flow of the spring is largely increased and the water becomes turbid, indicating that the spring at such times is made up in part by surface water. The samples of the water collected by your committee on March 10, 1900, were quite turbid. According to report of Messrs. Herman Von Schrenk and Albert E. Taussig (see exhibit "K"), the spring water was

also turbid on May 9, May 16 and Mas 26, when they visited the spring for the purpose of collecting samples for analysis.

Considering the limited supply of the Meramec spring and the fact that with every increase in the consumption an increased proportion of the water would of necessity be taken from the watershed of the Meramec, it is fair to consider that the plan proposed is essentially to abandon our present source of supply for a supply of water such as is furnished to the cities of New York, Boston, Baltimore and San Francisco, where the rainfall from large areas is collected in impounding reservoirs. The difficulties in the way of keeping such supplies pure and free from sewage contamination are almost insurmountable.

It is generally conceded by scientists familiar with the subject that the comparative death rates by typhoid fever furnish the best indication as to the relative purity of the water supplied to various cities. The vital statistics of St. Louis show a death rate from typhoid fever since 1895 (the date when we began to take water from the intake at the Chain of Rocks) not materially greater than New York and considerably less than Boston, Baltimore and San Francisco; hence judged by this standard, the unclarified, unfiltered waters of the Mississippi are not inferior to the unfiltered water from the areas from which New York, Boston, Baltimore and San Francisco obtain their water supplies. The average annual death rate per one hundred thousand population by typhoid fever from 1895 to 1899, inclusive, was twenty-two for St. Louis, seventeen for New York, thirty-two for Boston, thirty-seven for Baltimore and thirty-two for San Francisco.

We see no reason to expect that purer and better water could be impounded on the Upper Meramec and its branches than is collected from the Croton and other areas whence city supplies are obtained.

Undoubtedly the water furnished from the Meramec Spring and River would be comparatively clear, but modern sanitary requirements would probably call for a filtration of said water with almost as much force as they now do for a filtration of the water which we are taking from the Mississippi River.

COST.

Assuming that the works could be built and sold to the City of St. Louis at the price named by Mr. Pratt, and that the cost per million gallons would be as given by him, the following is a comparison of the cost of unfiltered water from the Meramec Spring and watershed of the Meramec river as proposed, and the cost of filtered and unfiltered water from the Mississippi river, with the intake at the present location. The estimates do not include the cost of operating and maintaining the distribution system, nor the assessing and collecting of the water rates, nor interest and sinking-fund charges on the present plant, except on the machinery, which is supposed to be replaced in thirty years, nor any other charges which are common to both schemes.

Estimate of cost, Meramec Springs and River water; average total daily consumption of eighty-seven million gallons; one hundred million gallons per day during month of maximum consumption: —

Cost of works, including reservoir, conduits, etc., as per estimate of Messrs. Pratt and associates	$20,000,000 00
Interest on $20,000,000 at 3½ per cent	700,000 00
Sinking fund sufficient with compound interest to replace plant at original cost in forty years, 1.183 per cent	236,600 00

Operating and maintaining, including care of reservoir, pipe lines, conduits, etc. (Mr. Herschel's estimate. See Exhibit "K")	100,000 00
	$1,036,600 00

Cost of unfiltered water from Meramec spring and river: —

1036600

87x365, equals $32.64 per million gallons.

If we base the estimate upon the proposed charges per million gallons, as given in the various documents submitted to us, to wit: $35.00 per million gallons for the first seventy million and fourteen dollars per million gallons for the balance, up to the capacity of the works, we have:—

70x35, equals $2,450.00
17x14 equals $ 238.00

87 mil. gal., $2,688.00, equals $30.90 per mil. gal.

Estimate of cost, filtered water from Mississippi River, average total daily consumption of 87 million gallons; one hundred million gallons per day during month of maximum consumption.

Operating and maintaining the High and Low Service Pumping Stations, and the Settling Basins, based upon the present expenses, increasing such portions as would increase with the consumption (for details see Exhibit "S")	$400,000 00
Sinking fund sufficient with compound interest at 3½ per cent to replace machinery costing $2,250,000.00 in thirty years 1.937 per cent	43,593 00
Cost of filtration, including interest, sinking fund and operating expenses, 87 million gallons per day at $10 per million (for details see Exhibit "T")	317,550 00
Total	$761,132 00

761132

87x365, equals $23.96 per million gallons for filtered water.

443582

87x365, equals $18.96 per million gallons for unfiltered water.

Mr. Clemens Herschel, consulting Engineer for Mr. Pratt, when addressing your Committee on November 30, 1900, remarked that unless it could be shown that the water could be brought from the Meramec at a less cost than the cost of pumping with the present works, plus the cost of filtration, he presumed that the Board would not give the proposition any further consideration. (See Exhibit "P.")

Mr. Pratt and his associates estimate that filtered water from the Mississippi River would cost $40.09 per million gallons. (See Exhibit "P," page 26.) Their estimate, however, is in error in failing to note:—

1. That certain charges against maintaining and operating pumping stations and settling basins will not increase in the same ratio as the quantity pumped.

2. That the cost of pumping will be reduced when the new machinery now under contract is installed.

3. That the cost of filtration, including interest and sinking-fund charges, and operating and maintaining should be estimated at about $10 per million gallons, in place of twenty dollars or more, as estimated by them.

Mr. Pratt and his associates propose to furnish unfiltered water from the Meramec Spring and River, as previously shown, for $30.90 per million gallons, when the annual average rate of consumption is eighty-seven million gallons per day, but the city can with its own works, as shown by the estimates herein, furnish unfiltered water from the Mississippi River for $13.96 per million gallons, and can furnish filtered water from the Mississippi River for $23.96 per million gallons, excluding from all estimates the charges which would be common to both systems.

It would be proper to make an allowance for the value of that portion of the present plant which might be sold or put to other use if the Meramec scheme were adopted and the present source of supply were abandoned, but the salable value, except for waterworks purposes for the City of St. Louis, is not sufficient to materially modify the result, and does not merit consideration in view of the uncertainty of the estimate of the cost of the Meramec scheme, which is based on very meager data. Moreover, even if the Meramec scheme were adopted, it would probably be considered advisable to retain the present pumping plant to provide for emergencies.

Your committee is of the opinion: —

First: That the flow of the Meramec Spring is not sufficient to supply the city.

Second: That the spring and Meramec River combined, as proposed, might give a sufficient quantity for the immediate future, but each further increase would mean a greater percentage of impounded surface water. Extensions would become increasingly expensive in first cost and in the cost of protection against pollution.

Third: That assuming the elevations and distances as given on the plans submitted to be correct, the water could be furnished by gravity and supplied to the city at the present pressure in the high-pressure mains.

Fourth: That the water from the spring frequently becomes turbid and is not free from suspicion of pollution, and that the purity of the water in the Meramec River is still more questionable.

Fifth: That the unfiltered water of the Mississippi River is probably not much inferior (except that it contains more sediment) to a supply from the Meramec River.

Sixth: That a supply of properly filtered water from the Mississippi River is more desirable than an unfiltered supply of impounded water from the valley of the Meramec River.

Seventh: That the cost of water from the Meramec would be much more than the cost of water from the Mississippi River.

Eighth: That the Meramec proposition would furnish water into the distribution system when furnishing an average of eighty-seven million gallons per day for $30.90 per million gallons, according to the proposition made.

Our estimated cost of furnishing unfiltered water from the Mississippi River is $13.96 per million gallons, and of furnishing filtered water from the Mississippi River is $23.96 per million gallons.

Your committee is further of the opinion: —

1. That a water supply requiring about eighty-five miles of conduit and pipe line would be in danger of serious interruption from accident, and would be difficult and costly to guard against accidental or intentional injury.

2. That the City of St. Louis should under all conditions design, own and operate its waterworks system, and that contracts for construction according to the city's plans should be so let as to secure competition.

We recommend that the proposition of Mr. G. E. M. Pratt be filed.

Respectfully,

EDW. FLAD,
E. A. HERMANN,
HENRY ALT,
ROBT. E. McMATH,
Committee.

Referred by the Board to the President, May 21st, 1901.

WALTER EDWARDS,

ANNUAL REPORT

OF THE

SEWER COMMISSIONER,

For the Fiscal Year Ending April 8th, 1901.

OFFICE OF SEWER COMMISSIONER,
ST. LOUIS, Mo., April 26, 1901.

Honorable Board of Public Improvements:

GENTLEMEN: I have the honor to submit the following report of the Sewer Department, for the fiscal year ending April 8th, 1901:—

PUBLIC SEWER WORK.

1. Work completed:

Retained percentages on work completed in previous year.....	$4,547 92
Tower Grove Storm Sewer, 690 feet in length.....	27,444 76
Trudeau Street sewer (enlargement), 150 feet in length.....	835 88
Total	$32,828 56

2. Work in progress:

Dakota Street sewer, 1203 feet in length.....	14,324 93
Total	$47,153 49

Tower Grove Storm sewer will be 5806 feet long when completed; 3520 feet of its length has now been built, 2286 lineal feet remain still to be done. The upper end of the sewer now terminates at a point 493 feet west of the west building line of Tower Grove avenue.

Dakota Street sewer is 1203 feet long. The work is completed with the exception of back filling part of the trench.

No appropriation from Municipal Revenue was made for new public sewers during the past year, except a small supplementary appropriation of $2,754.02 to complete the construction of the Dakota Street sewer. Excepting this small sum, the moneys expended for public sewer work during the past year were obtained from appropriations made the year before.

DISTRICT SEWER WORK.

	Area Drained, Acres.	Length of Sewers, Feet.	Cost.
1. WORK COMPLETED:			
Rocky Branch Sewer District No. 7	104.30	20,243	$40,930 94
Rock Spring Sewer District No. 8	11.50	1,612	2,275 52
Rock Spring Sewer District No. 9	8 88	1,354	1,582 81
Total	124 68	23,209	$44,779 27
North Trudeau Sewer District No. 14, built as private sewers and accepted as a sewer district under authority of Ordinance No. 19,997.	73 80	16,029	Not known.
Total	198.48	39,238	
2. WORK IN PROGRESS:			Estimated Cost.
Dakota Street Sewer District No. 1	127.55	27,550	$52,115 55
Rocky Branch Sewer District No 8	48.70	6,240	13,573 00
Rocky Branch Sewer District No. 9	28 27	5,370	11,062 40
Total	204 52	39,160	$76,750 95

PRIVATE SEWERS.

Forty-six private sewers, ranging from 8 inches to 3 feet in diameter, and 23,253 feet in total length, were built during the past year, according to plans approved by the Board of Public Improvements. Fifty-six manholes and fifty-nine inlets were constructed in connection with these sewers.

The owners of these private sewers paid $1,128.60 into the City Treasury for the cost of inspection during their construction.

In addition to the above, property owners paid $208.80 for inspection, for special examinations, and reconstruction of adopted district sewers.

SEWER CONNECTIONS.

Thirteen hundred and three permits were issued during the past year for making sewer connections for the discharge of foul and storm water into public and district sewers. Nineteen of these permits were afterwards canceled. The actual number of new connections was, therefore, 1,284. Eleven hundred and seventy-seven of these connections were made with sewer pipe 6 inches in diameter; the remainder were made with sewer pipe ranging from 8 inches to 24 inches in diameter, including two of brick of 2 1-2 and 3 feet diameter. The total number of permits issued at the close of the fiscal year is 56,556.

WORK OF CLEANING FORCE.

The work done by the sewer cleaners and laborers may be classified as follows:—

Cleaning 17,105 sewer inlets.
Removing 17,762 cart loads of refuse from sewer inlets.
Flushing 58 brick sewers.
Flushing 1,471 pipe sewers.
Employed 2,225 1-2 days labor flushing sewers.
Employed 978 days labor examining sewers and poling sewer inlets.
Employed 800 days labor of horse and cart and driver; hauling hose and tools, and filling depressions in streets and alleys over sewers.
Employed 58 days labor boring for rock to ascertain its depth below the sur-

face of the ground: data for estimate of cost of construction of proposed new sewers.

The following sums were expended for the work of sewer cleaners and laborers:—

Pay-roll of sewer cleaners and laborers	$23,749 80
Pay-roll of horses and carts	6,969 00
Cost or tools, materials and supplies	480 58
Cost of opening sewers and removing obstructions	243 16
Total	$31,442 54

ORDINARY REPAIRS.

All minor repairs requiring but a few hours or days time for completion are charged to this account. These repairs consist mostly in raising or lowering manhole caps and inlet stones to new grade, replacing broken manhole caps and inlet stones, repairing small defects in sewers, etc. The cost of this work amounted to $9,783.35.

EXTRAORDINARY REPAIRS.

Repairs of a more extensive character than those last mentioned are recorded under this heading. The work consists in renewing inverts, replacing depressed or broken arches, lining rough rock sections of sewers with brick side walls and inverts, rebuilding short sections of sewers on account of settlement of foundations, and other large repair work of similar nature. For this class of work $21,648.62 was expended during the past year. Much more work of this character should be done during the coming year to remedy defects of the kind above described in parts of most of the old sewers.

MILL CREEK SEWER REPAIRS.

Repairs of this main artery of the city's sewer system were almost entirely omitted during the past year on account of the lack of sufficient appropriation; only $5,000.00 was assigned to such work, and nearly all of this small appropriation was used in the replacement of the cracked and depressed arch from Grand avenue westwardly 188 feet.

This work cost $4,558.02; it was done from the inside of the sewer by replacing successive sections of the arch, each four feet in length.

The construction of a number of new manholes and the replacement of some of the wooden bottom with a concrete invert covered by a wearing course of vitrified brick constitute other necessary repairs in this sewer. Every manhole, except one, is built on the center line of the sewer and extends only to the top of the arch, thus permitting access or exit only by the use of a long ladder, an inconvenient way of entering the sewer, and making escape therefrom impossible in case of a sudden rainstorm. The new manholes should be built on one side of the sewer and should be provided with iron steps extending to the bottom of the sewer.

The wooden bottom still remaining in Mill Creek sewer extends over 1 1-10 miles of its length. The section between Ranken and Compton avenues (924 feet) is in good order as is also the section between Second street and the river (1,168 feet) and the two short sections near Twelfth street (479 feet); but the section between Compton and Iowa avenues (2,516 feet) and 680 lineal feet at Jefferson avenue, are not in good condition; the cross timbers in these two latter sections are sprung up along the center line of the sewer from four to six inches and many of them are broken. These sections of the sewer bottom should be reconstructed; the section at Jefferson avenue and the section be-

tween Iowa and Montrose avenues, 680 and 1,816 feet in length, respectively, should be rebuilt this year. The concrete inverts east of Armstrong avenue, built in 1898 and 1899, and which were not covered by a wearing course of vitrified brick, are considerably worn in small ruts and holes from 2 to 3 inches in width and depth; the inverts covered by vitrified brick have retained their smooth surface. The concrete appears to be affected by the acids in the sewage, but the vitrified brick shows no deterioration by acids, by the scouring action of the water, or other cause.

About 200 lineal feet of the timber bottom of the Biddle street sewer near its mouth should be reconstructed this year in the same manner and for the same reasons as above described for Mill Creek sewer.

MISCELLANEOUS.

Superintendent and office expenses cost $32,824.11. This sum includes expenditures for salaries of sewer commissioner and office assistants, civil engineer, field hands, inspectors, cost of stationery, printing, maintenance of horses and vehicles, etc.

SUMMARY OF WORK DONE AND ITS COST.

Public sewer work completed	$ 32,828 56
Public sewer work in progress	14,324 98
Sewer cleaners and laborers	31,442 54
Ordinary repairs	9,783 85
Extraordinary repairs	21,648 62
Mill Creek sewer repairs	4,558 02
Superintendence and office expenses	32,824 11
Total	$ 147,410 18

The foregoing total is the cost of the work done and paid for from the public revenue.

The cost of the work done in constructing district sewers and paid for by the property owners benefited thereby amounted to $44,779.27.

NEW PLAT BOOKS.

One draughtsman is at work on the drawings for the new set of plat books, begun last year, the necessity for which was fully explained in the report of this department for the preceding year.

SEWER DISTRICT MAP.

The department has no wall map of the city showing all the completed sewer districts, their relative location and area, the unsewered sections of the city, etc. A large wall map, 5'x10', will shortly be prepared by tinting the areas of completed sewer districts in various colors, so that the data indicated above can be seen at a glance without laborious reference to the plat books.

SURVEYS.

No surveys were made during the past year under authority of ordinance No. 14,846; the purpose of which was fully explained in the preceding report of this department. The work of locating and monumenting various street and property lines should be continued by the city under authority of this ordinance, as soon as the city's means will permit a liberal appropriation for this purpose.

NEW PUBLIC SEWER WORK RECOMMENDED.

The Board of Public Improvements has recommended the construction of the following new sewers during the coming fiscal year: —

	Miles.	Estimated Cost.
Tower Grove storm sewer, completing the unfinished section from a point 493 feet west of the west line of Tower Grove avenue eastwardly to Thurman boulevard	0.43	$140,000 00
Arsenal street relief sewer, from Illinois avenue to Ninth street	0.45	60,000 00
Rock Spring sewer, from present terminus about half way between McRee and Shaw avenues to Arsenal street	0.94	80,000 00
Kingsbury Storm sewer, from Delmar boulevard to the River des Peres	0.66	45,000 00
Harlem Creek sewer, southwest branch, from Ashland avenue to Natural Bridge road	0.16	15,000 00
Harlem Creek sewer, from the Water Works conduit westwardly	....	100,000 00
North Gingrass Creek sewer, from the Mississippi river westwardly	....	100,000 00
Thirteenth street sewer, from Olive street to Lucas avenue	0.85	15,000 00
Total amount		$555,000 00

ENLARGEMENT OF PUBLIC SEWERS RECOMMENDED.

The Board of Public Improvements has also recommended for construction the enlargement of parts of the following public sewers:—

	Length in miles.	Estimated Cost.
Northwestern sewer, from Twenty-second and Mullanphy streets to Twentieth and O'Fallon streets	0.43	$16,000 00
Grand avenue sewer, from Spring and Cote Brilliante avenues to Elliot and St. Louis avenues	0.92	65,000 00
Compton avenue sewer, from Olive street and Channing avenue to Compton and Manchester avenues	0.42	30,000 00
Ferry street sewer, from Broadway to Hall street	0.25	37,000 00
Total amount		148,000 00

RELIEF SEWERS.

Besides the Arsenal street relief sewer, already mentioned, there are two other relief sewers which should be constructed soon to relieve Mill Creek and Rocky Branch sewers, the two largest and most important sewers in the city, from occasional overflows in times of exceptionally heavy rainstorms. These sewers would extend along Poplar street from Compton avenue to the Mississippi river (2.18 miles), and along St. Louis avenue, Fifteenth and Benton streets, from Elliot avenue to the river (1.85 miles). Their cost would be $500,000.00 and $300,000.00, respectively; large sums, it is true, but unavoidable expenditures for the adequate drainage of the territory tributary to these main highways of the sewer system of the city. This work should be begun as soon as the means of the city will permit.

NEW SEWER INLETS.

A large number of additional sewer inlets are needed in many parts of the city, particularly in the long blocks of the west end, to permit the surface waters due to heavy rainfalls to run off the streets and alleys and into the sewers more rapidly than is now the case. Ten thousand dollars is needed this year to build the most necessary new inlets and their pipe connections to the sewers.

SEWERAGE OF THE RIVER DES PERES VALLEY.

A plan for sanitary sewage disposal in this valley is outlined in my report to the Mayor, and for further information, reference thereto is here made.

PROPOSED NEW DISTRICT SEWERS.

The following new district sewers are proposed for construction during the coming fiscal year: —

	Area drained, in acres.	Length of sewers, in miles.
Glaise Creek Sewer District No. 1	58.40	2.70
Fillmore Street Sewer District No. 2	237.10	8.75
Fillmore Street Sewer District No. 3	96.00	4.00
Clarendon Avenue Sewer District No. 4	301.55	10.00
Blackstone Avenue Sewer District No. 1	384.00	10.16
Cora Avenue Sewer District No. 1	292.00	10.40
Elliott Avenue Sewer District No. 47	8.05	0.27
Rock Spring Sewer District No. 10	17.75	0.56
Wyoming Street Sewer District No. 20	10.00	0.33
Illinois Avenue Sewer District No. 10	2.20	0.08
Rock Spring Sewer District No. 11	893.58	20.00
Total amount	2300.63	67.25

PROPOSED RECONSTRUCTION OF DISTRICT SEWERS IN THE BUSINESS SECTION OF THE CITY.

The district sewers in the heart of the business section of the city (between Fourth and Fourteenth streets, Poplar street and Lucas avenue) should be reconstructed at an early date; a beginning should be made this year. These sewers are no longer adequate to the needs of the times; they are of insufficient capacity, in poor repair, and far too shallow for the deep drainage requirements of the modern business buildings.

This work can be done gradually; the proposed new districts being only three to ten city blocks in extent, in each of which the sewers can be built independently of the sewers in other districts, and yet conform to the general plan of reconstruction of all the district sewers in the whole of the business section of the city. This subject has been discussed in detail in my report to the Mayor.

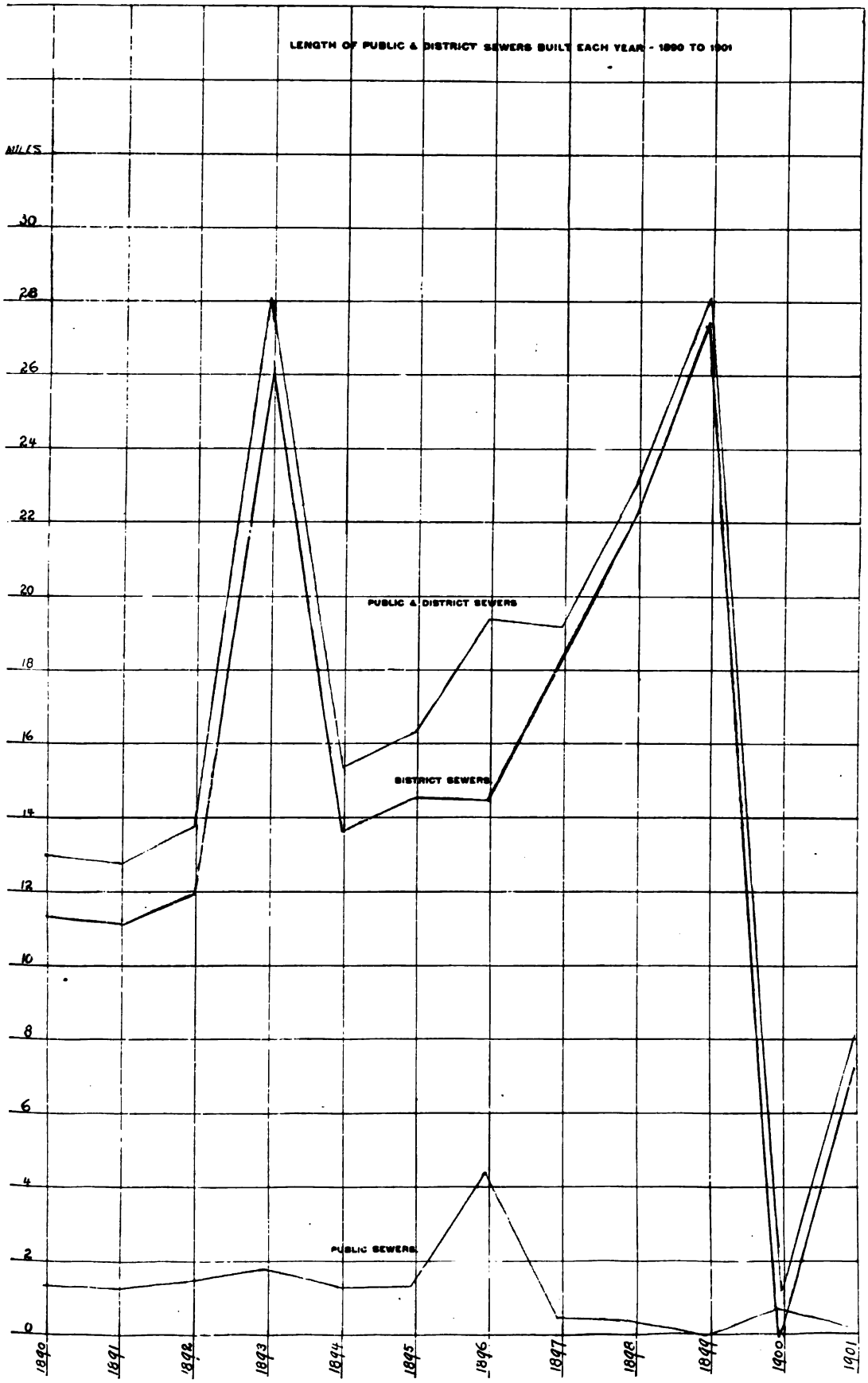
GENERAL REMARKS.

The present condition of the sewers and their needs, proposed improvements and extensions (both present and prospective) are fully described in my report to the Mayor.

The usual statistical tables accompany this report; also two maps of the city, one showing the areas provided with district sewers, the other showing proposed sewer work, both present and prospective. Two diagrams also accompany this report, showing the length and cost of sewers built during each of the last ten years.

Respectfully submitted,

E. A. HERMANN,
Sewer Commissioner.


LENGTH OF PUBLIC & DISTRICT SEWERS BUILT EACH YEAR - 1890 TO 1901
MILES
30
28
26
24
22
20
18
16
14
12
10
8
6
4
2
0
PUBLIC & DISTRICT SEWERS
DISTRICT SEWERS
PUBLIC SEWERS
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1893
1894
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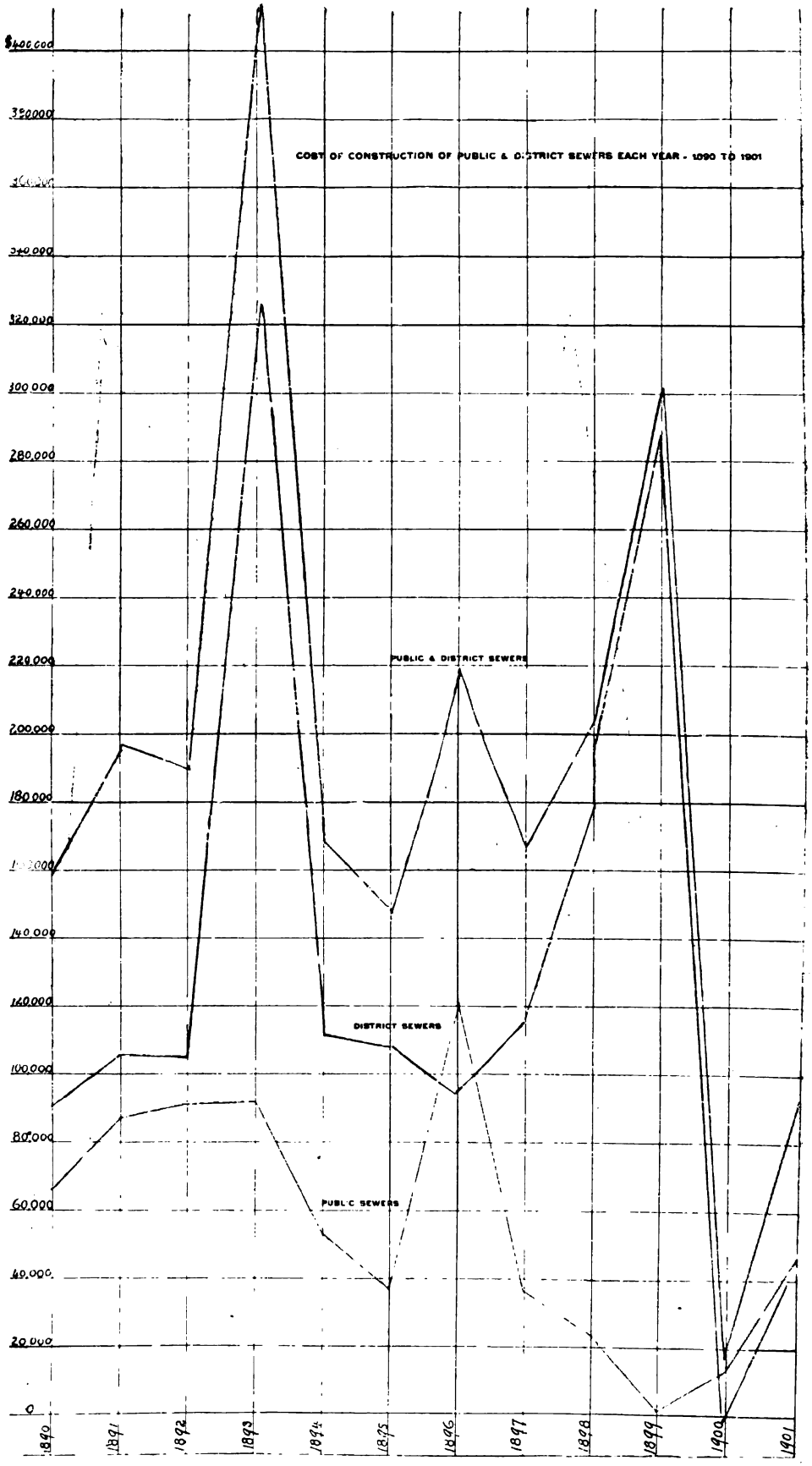
1896
1897
1898
1899
1900
1901


COST OF CONSTRUCTION OF PUBLIC & DISTRICT SEWERS EACH YEAR - 1890 TO 1901
$400,000
360,000
320,000
300,000
280,000
260,000
240,000
220,000
200,000
180,000
160,000
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
PUBLIC & DISTRICT SEWERS
DISTRICT SEWERS
PUBLIC SEWERS
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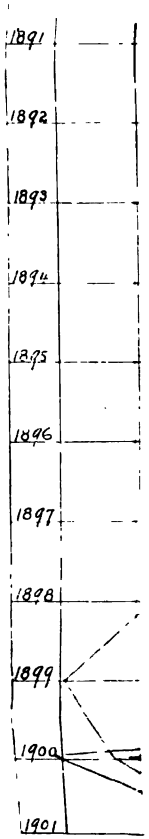
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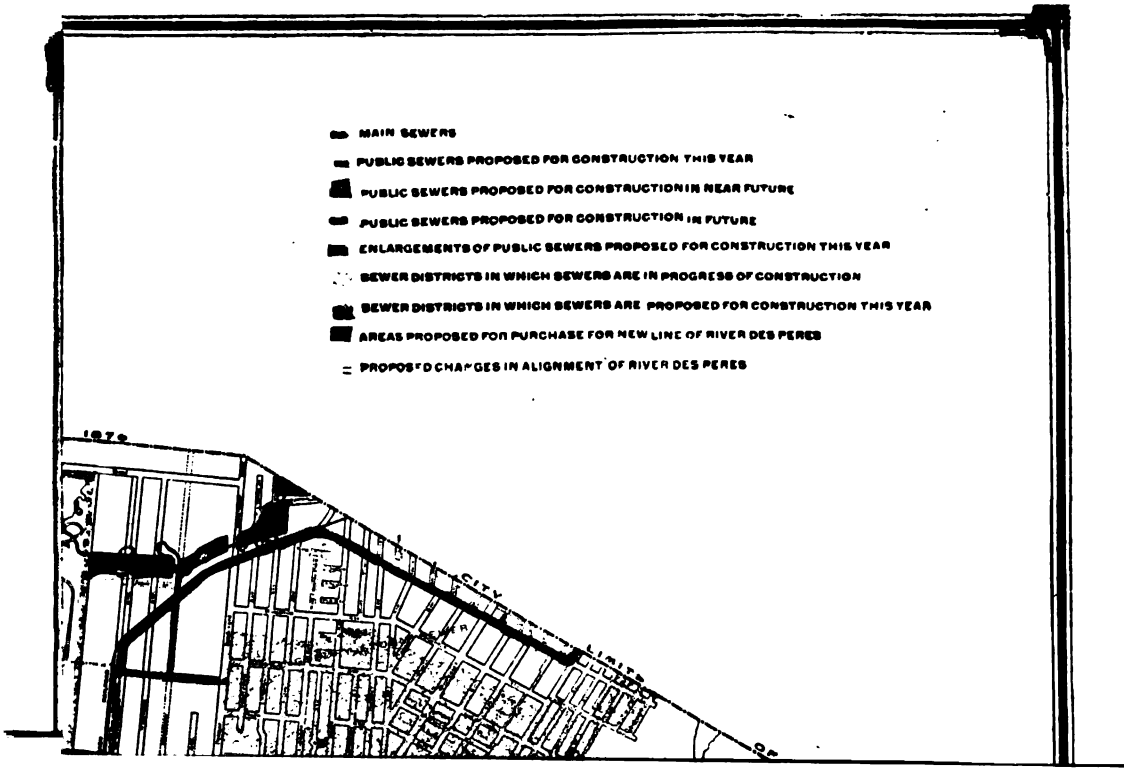
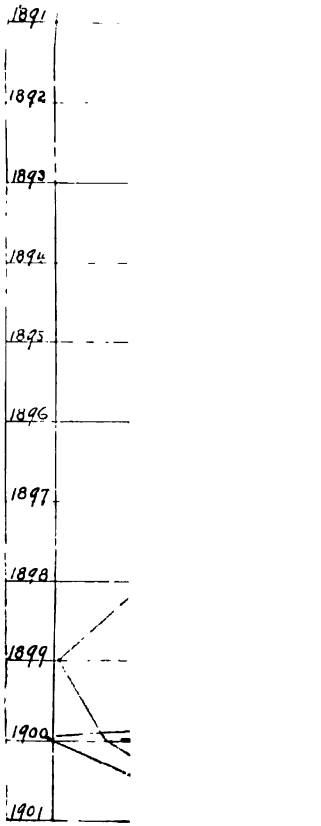

MAIN SEWERS
PUBLIC SEWERS PROPOSED FOR CONSTRUCTION THIS YEAR
PUBLIC SEWERS PROPOSED FOR CONSTRUCTION IN NEAR FUTURE
PUBLIC SEWERS PROPOSED FOR CONSTRUCTION IN FUTURE
ENLARGEMENTS OF PUBLIC SEWERS PROPOSED FOR CONSTRUCTION THIS YEAR
SEWER DISTRICTS IN WHICH SEWERS ARE IN PROGRESS OF CONSTRUCTION
SEWER DISTRICTS IN WHICH SEWERS ARE PROPOSED FOR CONSTRUCTION THIS YEAR
AREAS PROPOSED FOR PURCHASE FOR NEW LINE OF RIVER DES PERES
PROPOSED CHANGES IN ALIGNMENT OF RIVER DES PERES
1876
CITY
LIMITS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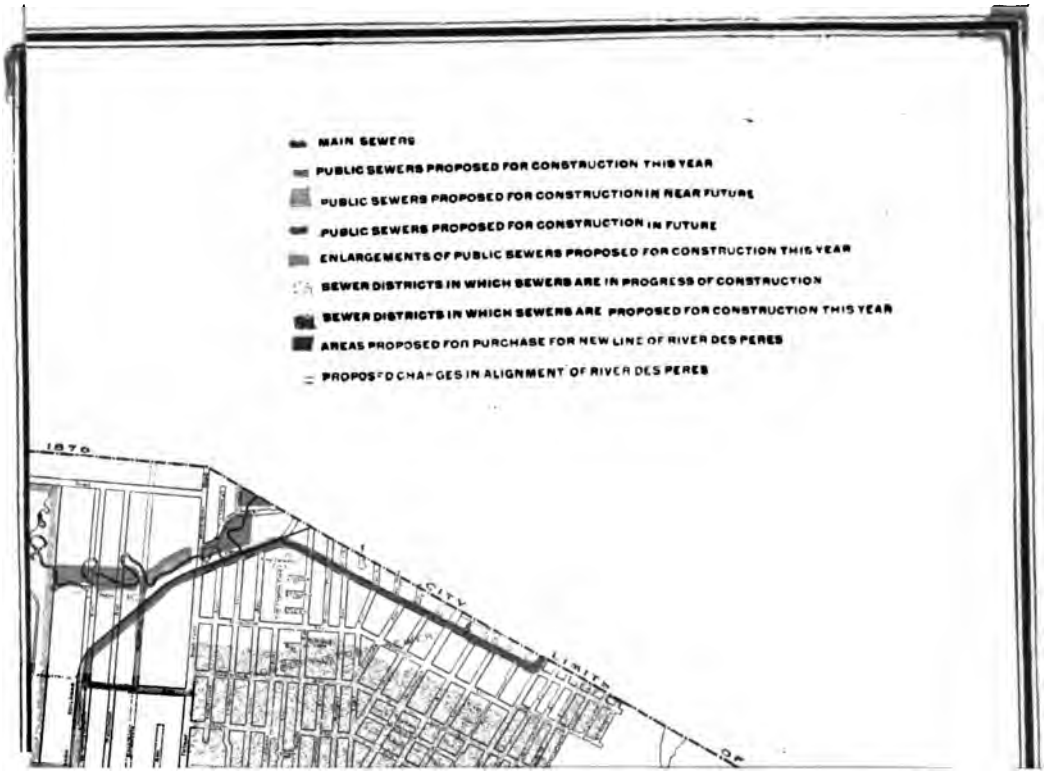
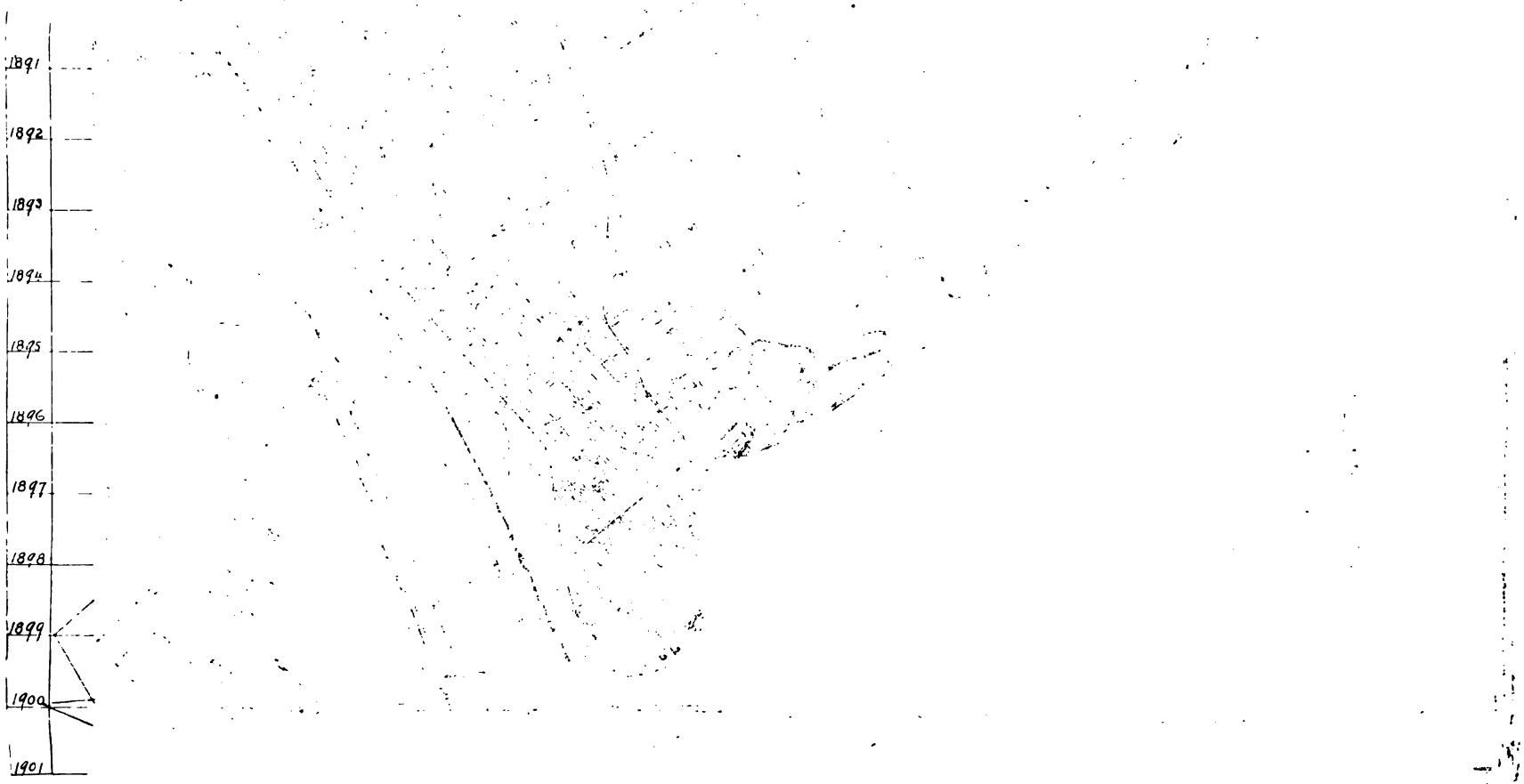

MAIN SEWERS
PUBLIC SEWERS PROPOSED FOR CONSTRUCTION THIS YEAR
PUBLIC SEWERS PROPOSED FOR CONSTRUCTION IN NEAR FUTURE
PUBLIC SEWERS PROPOSED FOR CONSTRUCTION IN FUTURE
ENLARGEMENTS OF PUBLIC SEWERS PROPOSED FOR CONSTRUCTION THIS YEAR
SEWER DISTRICTS IN WHICH SEWERS ARE IN PROGRESS OF CONSTRUCTION
SEWER DISTRICTS IN WHICH SEWERS ARE PROPOSED FOR CONSTRUCTION THIS YEAR
AREAS PROPOSED FOR PURCHASE FOR NEW LINE OF RIVER DES PERES
PROPOSED CHANGES IN ALIGNMENT OF RIVER DES PERES
1870
CITY
LIMITS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1900
1901

No. 1. Total Expenditures for Construction of Sewers, Sewer Inlets, etc., and for Current and Miscellaneous Expenses for the Fiscal Year Ending April 8th, 1901.

PUBLIC SEWERS.

Retained Percentages.		
Tower Grove Storm sewer, on right of way, from the river Des Peres eastwardly to a point five feet east of Kingshighway boulevard. Ordinance No. 18167		$3,857 72
Certain Sewer Inlets, nineteen at various places. Ordinance No. 19856		160 21
Certain Sewer Inlets and Lateral Sewers, thirty-six at various places with fourteen manholes. Ordinance No. 19922.		529 99
On Work Completed.		
Reconstruction and Enlargement of Trudeau street sewer, in Ann avenue from Dolman street westwardly to Eighteenth street. Ordinance No. 19921		835 88
Tower Grove Storm sewer, on right of way, from a point 1,575 feet east of Kingshighway boulevard eastwardly 690.5 feet. Ordinance No. 19870		27,444 76
On Work in Progress.		
Dakota street sewer, in Dakota street from Mississippi river west to Oregon avenue. Ordinance No. 19869		14,824 98
Total on account of public sewer construction		$47,153 49

CURRENT AND MISCELLANEOUS EXPENSES.

Engineering and supervision on public and district sewers, to wit: —		
Salaries of Commissioner et al	$14,127 58	
Salaries of Inspectors	14,897 60	
Supervision on 46 private sewers	1,128 60	
Supervision on reconstructed district sewers, special examinations, etc.	208 80	$30,362 58
Repairing sewers, inlets, manholes, etc., to wit: —		
Elliot avenue sewer	$643 36	
Compton avenue sewer	251 57	
Sewer in Chouteau avenue and in Mississippi avenue south of Chouteau avenue.	191 87	
Jefferson avenue sewer	274 47	
Benton street sewer	3,417 41	
Northwestern sewer in Wash street	1,222 27	
Arsenal street sewer	2,884 23	
Camp Spring sewer	4,099 28	
Cass avenue sewer	711 54	
Southern sewer	604 22	
Joab street sewer	1,676 62	
Ferry street sewer	2,073 93	
Southwestern sewer in Emmet street	310 30	
Sewer in Vandeventer avenue north of Mill Creek sewer	2,280 42	
Chambers street sewer	128 47	
Branch to Camp Spring sewer in Washington avenue, etc.	928 66	
Total (extraordinary repairs—inside work)	$21,648 62	

For ordinary sewer repairs, sundries, etc., credits made by transfers having been deducted, to wit: —			
Repairing sewers, inlets, manholes, etc....	7,946 29		
Iron for repairs.....	469 52		
Inlet stone for repairs.....	225 62		
Paving over sewers repaired.....	541 92		
		31,431 97	
Carts removing dirt from sewers and inlets, per pay rolls.....	$6,969 00		
Cleaning sewers and inlets, per pay rolls..	23,749 80		
Tools and appliances for cleaning sewers, maintaining signals, etc.....	480 58		
Opening sewers and removing obstructions	243 16		
		31,442 54	
Office expenses, printing, stationery, transportation and sundries.....	$1,577 08		
Keeping horses and vehicles, replacing same when worn out, shoeing, harness and repairing harness, and sundries...	884 45		
		2,461 53	
Total for miscellaneous.....		$95,698 62	
Mill Creek sewer repairs — Arch from Grand avenue westwardly.....		4,558 02	
Total for "Sewers, salaries, current expenses and repairs".....			$100,256 64
Total amount.....			$147,410 13

NO. 2.—PUBLIC SEWER WORK COMPLETED DURING THE PAST FISCAL YEAR.

NAME OF SEWER.	LOCATION.	CONTRACTOR.	Contract.	Ordinances.	Appropriations.	Expended Last Year.	Expended Previous Year.	Total Expenditures.	Retained Percentage.	Balance of Appropriations.
Reconstruction and enlargement Trudeau st. sewer	In Ann avenue, between Dolman and 18th streets	McIntyre & Teese.	5397	19921	$940 00	$835 88	.....	$835 88	.....	$104 12
Tower Grove storm sewer	In right-of-way from a point 1575 ft. east of Kingshighway boulevard east 690½ ft.	McIntyre & Teese.	5529	19870	30,000 00	27,444 76	$1,054 00	28,498 76	$1,499 93	1 31
					$30,940 00	$28,280 64	$1,054 00	$29,334 64	$1,499 93	$105 43

NO. 3.—PUBLIC SEWER WORK AUTHORIZED BY ORDINANCE AND UNDER CONTRACT.

NAME OF SEWER.	LOCATION.	CONTRACTOR.	Contract.	Ordinances.	Appropriations.	Expended on Account.	REMARKS.
Dakota st. sewer	In Dakota street from the Mississippi River west to Oregon avenue	M.A.& T.F.Hogan.	5527	19869 20256 20351	$19,000 00	$15,256 11	The sewer is now nearly completed to Oregon avenue.

No. 4.—DISTRICT SEWER WORK COMPLETED DURING THE PAST FISCAL YEAR.

Name of Sewer District.	Contractor.	Contract.	Ordinances.	Size of Sewer.	Length in Feet.	Cost of Sewer.	Cost per foot.	Number of Inlets.	Cost of Inlets, includ. Iron and Stone.	Number of Manholes.	Cost of Manholes, includ. Iron Caps.	Cost of Junctions, Lumber, etc.	Total Cost of District Sewers.
Rock Spring, No. 8...	Mound City Construction Co..	....	19885	15-inch pipe.	1418	$ 1,310 00	$0 92	10	.....	6	.....	.....	.....
Rock Spring, No. 9...	Gottlieb Eyermann, Jr.....	5669	20058	12-inch pipe..	194	72 50	0 37	....	$ 448 27	..	$ 363 09	$ 86 66	$ 2,275 52
		....	20164	15-inch pipe..	1123	813 59	0 72	....	.....	...	.....	.....	.....
Rocky Branch, No. 7	Hill-O'Meara Construction Co.	5829	20165	12-inch pipe..	231	166 18	0 72	9	303 28	5	243 08	56 68	1,582 81
		....	19655	30-inch pipe..	6761	20,537 83	3 04	....	.....	....	.....	.....	.....
		5802	19656	24-inch pipe..	3117	3,550 41	1 14	..	.....	....	.....	.....	.....
		....	....	21-inch pipe..	470	807 77	1 72	....	.....	....	.....	.....	.....
		....	.....	18-inch pipe..	2008	1,548 30	0 77	...	.....	....	.....	.....	.....
		...	.....	15-inch pipe..	3492	2,217 66	0 64	....	.....	....	.....	.....	.....
		....	.....	12-inch pipe..	4395	1,965 83	0 45	108	4,172 94	89	2,848 42	2,276 76	40,920 94
N. Trudeau st., No. 14	All the heirs of Anne R. Allen, by Julius Pitzman, their atty. in fact	....	19996	27-inch pipe..	320	.....	.....	....	.....	....	.....	.....	.....
		....	19997	24-inch pipe..	175	.....	.....	....	.....	....	.....	.....	.....
		....	....	21-inch pipe..	2048	.....	.....	....	.....	...	.....	.....	.....
		....	.....	18-inch pipe..	2416	.....	.....	....	.....	....	.....	.....	.....
		....	.....	15-inch pipe..	4290	.....	.....	....	.....	....	.....	.....	.....
		...	.....	12-inch pipe..	6780	.....	.....	72	.....	58	.....	.....	.....
					39238	$ 32,985 09		194	$4,919 49	158	$4,454 59	$2,420 10	$ 44,779 27

NOTE.—The sewers in North Trudeau Street Sewer District No. 14, were built as private sewers, under Permit No. 53611. Acceptance and Deed signed April 30, 1900, and filed with City Register, May 3, 1900, under the authority of Ordinance No. 19997.

NO. 5.—LENGTH, AREA, ASSESSED AREA, RATE OF ASSESSMENT AND ESTIMATES OF DISTRICT SEWER WORK COMPLETED DURING THE PAST FISCAL YEAR.

NAME OF SEWER DISTRICT.	Length in Feet.	Area in Acres Drained.	Assessed Area in sq. ft.	Rate Assessed per 100 sq. ft. to near'st mill.	Preliminary Estimate.	Estimat'd Cost based on the prices bid.	Actual Cost.
Rock Spring No. 8.....	1,612	11.50	358,400	$0.635	$2,100 00	$1,897 85	$2,275 52
Rock Spring No. 9	1,354	8.88	270,332	0 555	1,650 00	1,509 75	1,582 81
Rocky Branch No. 7.....	20,243	104,30	3,248,390	1.260	37,000 00	39,593 00	40,920 94
North Trudeau Street No. 14.....	16,029	73.80	.....	.....	.....	.....	.....
Total Amounts.....	39,238	198.48	3,877,122	Av. rate $1.155	$40,750 00	$43,000 60	$44,779 27

NO. 6.—DISTRICT SEWER WORK AUTHORIZED BY ORDINANCE AND UNDER CONTRACT.

Name of Sewer District.	Contractor.	Contract.	Ordinance to establish.	Ordinance to construct.	Preliminary estimate.	Estimated cost based on bid.	Remarks.
Dakota Street No. 1	Hill-O'Meara Con. Co.	5835	20,167	20,168	$50,000 00	$52,115 55	In progress
Rocky Branch No. 8	Hill-O'Meara Con. Co.	5836	20,169	20,170	13,300 00	13,573 00	In progress.
Rocky Branch No. 9	McIntyre & Teese.	5920	20,254	20,255	12,000 00	11,062 40	Just commenced.
					$75,300 00	$76,750 95	

NO 7.—DISTRICT SEWER WORK AUTHORIZED BY ORDINANCE AND NOT UNDER CONTRACT.

Name of Sewer District.	Ordinance to Establish.	Ordinance to Construct.	Ordinance to Acquire Right of Way.	Preliminary Estimate.	Remarks.
Blackstone Avenue Sewer District No. 1	19887	.....	19888	$120,000 60	Area in District, 384.00 Acres.
Elliot Avenue Sewer District No. 47	20349	20350	.....	2,200 00	" " 8.05 "
Total Amounts	.....	.....	.....	$122,200 00	Area in both ....392.05 Acres.

NO. 8.—ANNUAL EXPENDITURES OF THE SEWER DEPARTMENT AND CLASSIFICATION THEREOF FOR THE PAST FOUR FISCAL YEARS.

To-wit:	Expenditures for Year Ending April, 1898.	Expenditures for Year Ending April, 1899.	Expenditures for Year Ending April, 1900.	Expenditures for Year Ending April, 1901.
Construction of public sewers	$22,591 34	$2,016 38	$8,402 35	$46,463 29
Constructing new inlets and outlet sewers	1,867 28	886 10	6,297 48	690 20
Repairing sewers, inlets, manholes, etc., "ordinary repairs"	5,251 91	3,352 57	7,829 01	9,783 35
Repairing and reconstructing sewers, "extraordinary repairs"	60,909 16	66,409 43	54,985 63	26,206 64
Opening sewers and removing obstructions, cleaning sewers and inlets per pay rolls, and removing dirt from sewers and inlets, per pay rolls of carts	25,557 65	24,708 98	31,239 25	31,442 53
Engineering and supervision	33,393 14	30,820 99	27,051 74	30,362 58
Office and miscellaneous expenses	3,340 12	2,124 27	2,591 89	2,461 53
Expenses of making surveys authorized by Ord. No. 14,846	263 40	.....	.....	.....
Maps of the Survey of City under Ord. 14,846, authorized by Ord. No. 17,933	16 25	.....	.....	.....
Total for public sewer construction, maintenance, etc	$153,190 25	$130,318 72	$137,897 35	$147,410 13
Total for construction of district sewers	178,017 71	296,936 92	.....	44,779 27
Total Amount	$331,207 96	$427,255 64	$137,897 35	$192,189 40

NO. 9.—PRIVATE SEWERS (EXCEEDING 100 FEET IN LENGTH, ETC.) ON PUBLIC AND PROPOSED HIGHWAYS, ETC., COMPLETED DURING THE PAST FISCAL YEAR.

Permit No.	Block No.	Name of Owner.	Location of Sewer.	Size of Sewer.	Length in Feet.	No. of Inlets.	No. of Manholes.	Cost of Inspection.
55198	5217	Lindell Real Estate Co.	In Glasgow av. and in the east and west alleys of Blocks 8, 9 and 10 of Lindell Park subdivision, between Glasgow and Garrison avs., and Sullivan av. and Natural Bridge road	2x3 ft. brick.	186			
	5218			24 inch pipe.	378			
	5219			21 inch pipe.	1381			
				18 inch pipe.	500			
				12 inch pipe.	160	8	9	$ 217 80
55202	5214	Lindell Real Estate Co.	In the alleys of Blocks 5, 6 and 7 of Lindell Park subdivision, between Garrison and Grand avs., and Sullivan av. and Natural Bridge road	15 inch pipe.	1300			
	5215			12 inch pipe.	1944			
	5216			9 inch pipe.	97	16	12	
55227	4413	Jas. M. Gettys	In Lee av. from Newstead av. west	9 inch pipe.	256	...	....	7 20
55309	2917	Jno. M. Boyers	In alley between Broadway and Pennsylvania av. from Fillmore st. south	12 inch pipe.	153	....	....	7 20
55374	1368	Compton Hill Improvement Co. and Michael Hahn	In Vanderburgh av. from point 311 ft. north of Shenandoah av., south 182 ft., thence east on alley	12 inch pipe.	216	....	1	7 20
55389	1740	Sophia Diekmann	In Mallinckrodt st. and in right of way for sewer 87½ ft. east of Twenty-second st. from Mallinckrodt st. north	8 inch pipe.	69	....	....	5 40
55419	5213	Lindell Real Estate Co. and W. F. Boyle, Tr., under will of Jemima Lindell	In alley between Greer and Sullivan avs., from Garrison av. west to Grand av. with lateral to Grand and Sullivan avs	15 inch pipe	255			
				12 inch pipe	305			
				9 inch pipe.	107	1	2	48 60
55427	2380	Edw. T. Weatherwax and Wm. T. Brawner	In right of way (about 38 ft. east of east building line of Twenty-third st.), from Palm st. south	8 inch pipe.	152	....	....	5 40
55435	4972	Gustav and Emilie Hanssen.	In right of way (about 115 ft. east of Tower Grove av.), from Blaine av. north, a distance of about 57 ft., thence west	9 inch pipe.	146	....	....	7 20
55462	177	Thomas Dunn	In Lucas av. from Tenth st., west	10 inch pipe.	76	....	1	9 00
55495	3768 E	Harry B. Culp and Isaac Jones	In private alley west of Euclid av., from east and west alley north of Maple av. south	9 inch pipe.	210	....	....	5 40
55571	3719	The Holy Ghost Parish Association	In Garfield av., from manhole on south side, west of Taylor av., west to north and south alley in Block 3719, thence north to east and west alley in said block	10 inch pipe.	262	....	1	14 00
55634	3719	The Holy Ghost Parish Ass'n	In above last mentioned alley, west in Block 3719	10 inch pipe.	65	....	1	
55604	3700	H. Grone Realty Co.	In Easton av., from alley east of Taylor av. west	9 inch pipe.	154	....	....	14 40
55646	2996	Henry Doeppe	In Seventh st., from Loughborough av. north	9 inch pipe	94	....	....	3 60
55662	3838	Alice, Annie and Margaret Quinlan	In Wells av. and in right of way in Block 3838, from Wells av., north	9 inch pipe.	91	....	....	3 60
55725	771	Anheuser-Busch Brewing Association	In Dorcas st., from Mississippi river west, to Kosciusko st., to drain premises on north and south sides of Dorcas st.	24 inch pipe.	484			
	772			21 inch pipe.	191			
	778			18 inch pipe.	198			
	2013			15 inch pipe.	104			
	2014			12 inch pipe.	26			
	2015			10 inch pipe.	38			
				8 inch pipe.	134	4	4	142 20

55733	4990	Eliza J. Wolff	Between Easton and Theodosia avs. from west side Hamilton av., east across Hamilton av. and in private alley in Block 4990	12 inch pipe.	113			7 20
55774	4541	Mary Pomeroy	In Hamilton av. from Clemens av. south	10 inch pipe.	275			12 60
55809	4112	Connecticut Mutual Life Insurance Co.	In Arsenal st. from water course east of Russell place, east to Gustine av. thence south to McDonald av., with lateral branch sewers in Blocks 4112, 4113, 4114, 4115, and 2096 from Gustin av. east to Spring av., also north and south branches to said laterals in said blocks for sewer inlets	3 feet brick.	1867			
	4113			2x3 ft. brick.	330			
	4114			24 inch pipe.	324			
	4115			21 inch pipe.	459			
	2096			18 inch pipe.	904			
				15 inch pipe.	1757			
				12 inch pipe.	3952	30	23	403 20
55830	4848	Stanford Investment Co.	In private alley 113 feet west of Clarendon av., from the district sewer between Fairmount and Cabanne avs., south 38 feet, thence east on E. & W. private alley	10 inch pipe.	140			10 80
55841	3765	Herbert Mueller	In Aubert av. from manhole north of Delmar boul. west across Aubert av. and in right of way in Block 3765	9 inch pipe.	81			10 80
55860	1478N	Joseph Felchlin	In Michigan av. from Juniata st. south	8 inch pipe.	68			3 60
55867	194	Humboldt Realty Co.	In alley between Locust and St. Charles sts. from point 32 feet east of east building line of Ninth st. east	15 inch pipe.	50			5 40
55866	3400	Mary G. Kulage	In alley between Warne and College avs. from point south of Conde st. north to and across Conde st. and in right of way to a point 85 feet north of Conde st., thence west 116 feet in right of way	15 inch pipe.	234			
				12 inch pipe.	118		1	10 80
55904	3400	Wm. H. Spellmann	In Conde st. from alley between Warne and College avs., east 128 feet, thence north in right of way about 57 feet	12 inch pipe.	125			
				8 inch pipe.	60			10 80
55966	3400	German Evangelical St. Jacob's Congregation	In right of way between Warne and College avs., from point 85 feet north of Conde street north	15 inch pipe.	70			1 80
56005	2150	Wm. P. Sharkey	In right of way about 51 feet north of St. Vincent av., from alley east of California av. west	9 inch pipe.	102			3 60
56048	1282	F. J. Halbruegge Est.	In Park av. from Compton av. west	12 inch pipe.	103			7 20
56054	100	Festus Realty Co.	In Olive st. from Fourth st. west	12 inch pipe.	245		1	27 00
56060	4844	Berry A. Thurman	In private alley 120 feet east of Clarendon av., from east and west alley in Block 4844, north 40 feet, thence west in private alley to Clarendon av.	8 inch pipe.	156			9 00
56089	3908	Malcolm Macbeth	In right of way 450 feet west of Boyle av., from east and west alley in Block 3908, south 120 feet, thence east and west about 40 feet each, in right of way.	10 inch pipe.	112			
				8 inch pipe.	77			12 60
56173	3755	Wm. R. Barnhart	In right of way 47 feet west of Whittier st., from alley north of Morgan st., south 92 feet and thence east in right of way	9 inch pipe.	126			10 80
56199	2114	W. L. Wright	In alley west of Grand av. from point 70 feet south of Cleveland av. north 30 feet, thence east in right of way	8 inch pipe.	140			7 20
56205	4933	W. S. Balson	In alley between Flad and Cleveland avs., from point 175 feet west of Klemm av. west	12 inch pipe.	51			5 40
56245	2389	Joseph Lellek	In right of way about 114 feet east of Prairie av. from main sewer in Hebert street south	12 inch pipe.	78			9 00
56265	4839	H. A. Vrooman	In Academy av. from alley north of St. Louis & Suburban Ry., north 55 feet, thence east in right of way 145 feet	8 inch pipe.	193			10 80
56298	2649	M. A. Helm	In Louisiana av. from point 140 feet south of Meramec st. south	9 inch pipe.	81			3 60
56331	1204	Jno. M. Schuerman	In Ninth street from Mallinckrodt street south	9 inch pipe.	91			5 40
56355	654	Heller & Hoffman Chair Mfg. Co	In Eighth street from Howard st. north	9 inch pipe.	102			5 40
56397	4916	F. R. Rosemann	In Vandeventer av. from alley south of Botanical av. north	9 inch pipe.	345			10 80
56400	3806W	Aiple & Hemmelmann R. E. Co	In right of way between Burd and Lucretia avs. from Wells av. southwardly	8 inch pipe.	62			1 80
56427	2179 B	Julius Winkelmeyer	In Motard st. from Rutger st. north	12 inch pipe.	300			10 80

NO. 9.—PRIVATE SEWERS (EXCEEDING 100 FEET IN LENGTH, ETC.) ON PUBLIC AND PROPOSED HIGHWAYS, ETC., COMPLETED DURING THE PAST FISCAL YEAR.—*Continued.*

Permit No.	Block No	Name of Owner.	Location of Sewer.	Size of Sewer.	Length in Feet.	No. of Inlets.	No. of Manholes.	Cost of Inspection.
56441	1721	William Stengel	In right of way between Manchester av. and Walnut st., from north and south alley between Beaumont st. and Leffingwell av., west	9 inch pipe	48	....	....	$ 3 60
56459	2112	Joseph L. Frasier	In Vandeventer av. and in east and west alley between Botanical and Shenandoah avs., from Vandeventer av. east	8 inch pipe.	80	....	..	3 60
56487	1389	Annie L. Middendorff	In Lami st. from alley between 18th st. and Lemp av. west	8 inch pipe.	108	....	....	5 40
			Total amounts		23,253	59	56	$ 1,128 60

NO. 9.—PRIVATE SEWERS, ADOPTED DISTRICT SEWERS, SPECIAL EXAMINATIONS, ETC., NOT INCLUDED IN THE PRECEDING TABLE.

55650	.....	St. Louis Cold Storage and Refrigerating Co.	Sewer connection and construction of sewer, at 6th and Pine sts (Special examination)	.....	.....	.....	.....	$ 3 60
55858	4873	City of St. Louis, under conditions in permit	In alley between Morgan st., West Belle place, Sarah st., and Whittier st., connecting two district sewer manholes	12 inch pipe.	38	....	....	1 80
56132	4904	Geo. D. Capen et al., owners of property	In private ground between Westmoreland and Portland places, from Lake av. west to Union boul., being a reconstruction of 6-inch adopted district sewer	18 inch pipe. 15 inch pipe. 12 inch pipe.	354 657 2	....	4	52 20
.....	.....	Washington University	From a branch of river Des Peres (at northwest corner of Forest Park) northwestwardly from the west line of Skinker road through the property of Washington University	8 ft. diam.	990	....	....	151 20
			Total amount of above		2041	....	4	$ 208 80
			Total amounts of preceding table (No. 9) brought forward		23253	59	56	1,128 60
			Total amount of work done and cost of inspection		25294	59	60	$1,337 40

NO. 10.—LENGTH AND DIAMETER OF SEWERS, BUILT UP TO APRIL, 1901.

MEAN DIAMETER IN FEET.	Length Built During Past Fiscal Year.	Length Abolished Last Year.	Total Length in Feet.
Stone Sewer..... 14 x 23½	....	....	82
" " ..... 16 x 20	....	....	563
" " .....15½ x 20	.....	.....	797
Stone and Brick Sewer. ..15 x 20	.....	.....	14,947
" " " " ...15 x 18	.....	.....	3,235
" " " " 15	.....	.....	1,297
" " " " ....12½ x 15	690 feet.	.....	5,063
" " " " 13	.....	.....	761
" " " " 12	.....	.....	8,748
" " " " ....10½ & 10	.....	.....	17,936
" " " " ... 9½ & 9	.....	.....	11,537
Brick Sewer. ..... 9, 8½, 8½ & 8	.....	.....	35,167
" " ..... 7½ & 7½	.....	.....	11,699
" " ..... 7½ & 7	.....	.....	10,497
" " 6½	.....	.....	8,525
" " ..... 6½ & 6	.....	.....	26,857
" " 5½	.....	.....	16,410
" " ..... 5½ & 5	1,203 feet.	.....	14,725
" " 4½	.....	.....	9,088
" " 4½	150 feet.	.....	61,542
" " 4	.....	.....	48,851
" " ..... 3½ & 3½	.....	.....	65,071
" " 3	.....	150 feet.	139,714
" " 2½	.....	.....	589,288
" " 2½	.....	.....	89,871
" " 2	.....	.....	51,931
" " 1½	.....	.....	12,581
" " 1½	.....	.....	4,383
Clay Pipe Sewer.... 3	.....	.....	201
" " " 2½	6,761 feet.	.....	13,139
" " " 2½	820 "	.....	2,647
" " " 2	3,292 "	.....	52,085
" " " 1½	2,518 "	.....	50,519
" " " 1½	4,778 "	.....	194,593
" " " 1½	11,132 "	.....	490,224
" " " 1	12,089 "	.....	511,990
" " " ..... ½	....	1,013 feet.	1,954
Cement Pipe Sewor..... 2	.....	.....	618
" " " 1½	.....	.....	15,610
" " " 1½	.....	.....	22,823
" " " 1	.....	.....	1,250
Total amounts.....	42,833 feet.	1,163 feet.	2,618,299

Sewers of Stone and Brick..... 64,966 feet or 12.30 miles.
Sewers all of Brick..... 1,196,200 feet or 226.55 miles.
Pipe Sewers..... 1,357,133 feet or 257.03 miles.

DISTRICT SEWERS.

Completed last year..... 40,890 feet or 7.744 miles.
Abolished last year..... 1,013 feet or 0.192 miles.

Total (net amount)..... 39,877 feet or 7.552 miles.

PUBLIC SEWERS.

Completed last year (2,043—150 feet)..... 1,893 feet or 0.359 miles.

Total (net amount) completed last year..... 41,770 feet or 7.911 miles.

Total length of Public and District Sewers in the city, built up to April 9th, 1901 (net amounts), to wit:—

Public Sewers..... 387,473 feet or 73.385 miles.
District Sewers..... 2,230,826 feet or 422.505 miles.

Total..... 2,618,299 feet or 495.890 miles.

NO. 11.—LENGTH IN MILES OF PUBLIC AND DISTRICT SEWERS AND THE EXPENDITURES OF THE SEWER DEPARTMENT FOR EACH FISCAL YEAR SINCE 1876.

DATE.	Length of Public Sewers Constructed during the Year. Miles.	Length of District Sewers Constructed during the Year. Miles.	Total Length of Sewers Constructed during the Year. Miles.	Expenditure for Public Sewer Work, Maintenance, etc., during the year.	Cost of District Sewers Completed during the Year.	Total Cost of Sewer Work Maintenance, etc., during the Year.
Up to April, 1876	33.656	138.261	171.917	$2,942,660 31	$2,545,643 22	$ 5,488,303 53
" " 1877	1.238	4.379	5.616	78,400 41	55,386 52	133,786 93
" " 1878	1.473	0.262	1.735	88,623 56	4,547 64	93,171 20
" " 1879	3.673	5.323	8.997	141,178 07	63,260 86	204,438 93
" " 1880	2.673	4.016	7.689	146,307 10	43,058 38	189,365 48
" " 1881	1.517	5.062	6.579	109,427 79	43,623 29	153,051 08
" " 1882	1.812	7.330	9.642	115,448 82	70,892 15	186,340 97
" " 1883	1.227	5.731	6.958	59,567 81	63,707 46	123,275 27
" " 1884	0.728	4.396	5 124	79,330 63	42,468 82	121,799 45
" " 1885	1.259	7.458	8 717	147,821 54	81,144 63	228,966 17
" " 1886	1.076	13.924	15.000	119,222 63	150,064 02	269,286 65
" " 1887	3.927	11.756	15 682	143,200 97	129,062 15	272,263 12
" " 1888	1 299	6.605	7.904	138,734 70	51,371 98	190,106 68
" " 1889	1.596	26.140	27.736	147,941 94	307,019 42	454,961 36
" " 1890	1.384	11.409	12 794	109,953 44	90,989 04	200,942 48
" " 1891	1.345	11.215	12.559	139,301 28	106,431 01	245,732 29
" " 1892	1.501	12.060	13.561	155,397 85	105,891 26	261,289 11
" " 1893	1.847	26.104	27.951	187,237 70	327,557 36	514,795 06
" " 1894	1.355	13.829	15 184	125,547 07	112,530 39	238,077 46
" " 1895	1.403	14.728	16.131	109,753 93	109,288 96	219,042 89
" " 1896	4.544	14.631	19.175	196,289 05	95,314 66	291,603 71
" " 1897	0.607	18.300	18.907	143,994 87	116,760 23	260,755 10
" " 1898	0.471	22 324	22 796	153,190 25	178,017 71	331,207 96
" " 1899	0.083	29.708	29.791	130,318 72	296,936 92	427,255 64
" " 1900	0.838	.....	0 838	137,897 35	.....	137,897 35
" " 1901	0.359	7.552	7.911	147,410 18	44,779 27	192,189 40
	73 385	422.505	496.890	$6,194,157 92	$5,235,747 35	$11,429,905 27

NO. 12.—LENGTH OF PUBLIC AND DISTRICT SEWERS, AND TOTAL COST OF PUBLIC AND DISTRICT SEWERS (CONSTRUCTION, MAINTENANCE, ETC.), AT THE END OF EACH FISCAL YEAR FROM 1876.

DATE.	Length of Public Sewers. Miles.	Length of District Sewers. Miles.	Total Length of Sewers. Miles.	Cost of Public Sewers.	Cost of District Sewers.	Total Cost of Sewers.	Maintenance Current Expenses, etc.
Up to April, 1876	33.656	138 261	171.917	$2,463,565 40	$2,545,643 22	$5,009,208 62	$ 479,094 91
" 1877	34.894	142.640	177.534	2,512,235 55	2,601,029 74	5,113,265 29	508,825 17
" 1878	36.367	142 902	179.269	2,579,936 98	2,605,577 38	5,185,514 36	529,747 30
" 1879	40.040	148.225	188.266	2,690,236 79	2,668,838 24	5,359,075 03	560,625 56
" 1880	43.713	152.241	195.955	2,806,374 93	2,711,896 62	5,518,271 55	590,794 52
" 1881	45.230	157.303	202.534	2,840,625 38	2,755,519 91	5,596,145 29	665,971 86
" 1882	46.542	164.633	211.176	2,872,267 44	2,826,412 06	5,698,679 50	749,778 62
" 1883	47.769	170 364	218.134	2,896,745 65	2,890,119 52	5,786,865 17	784,868 22
" 1884	48.497	174 760	223.258	2,942,826 98	2,932,588 34	5,875,415 32	818,117 52
" 1885	49.756	182.218	231.975	3,057,639 22	3,013,732 97	6,071,372 19	851,126 32
" 1886	50.832	196.142	246 975	3,137,735 57	3,163,796 99	6,301,532 56	890,253 10
" 1887	54.759	207 898	262.657	3,232,588 33	3,292,859 14	6,525,447 47	938,601 31
" 1888	56.068	214.503	270.561	3,321,320 18	3,344,231 12	6,665,551 30	988,604 16
" 1889	57.654	240.643	298.297	3,426,535 69	3,651,250 54	7,077,786 23	1,031,330 59
" 1890	59.038	252.052	311 091	3,493,259 38	3,742,239 58	7,235,498 96	1,074,560 34
" 1891	60 383	263.268	323.651	3,581,966 25	3,848,670 59	7,430,636 84	1,125,154 75
" 1892	61.884	275.327	337.212	3,673,821 46	3,954,561 85	7,628,383 31	1,188,697 39
" 1893	63.731	301.431	365.162	3,767,062 65	4,282,119 21	8,049,181 86	1,282,693 90
" 1894	65 086	315 260	380.346	3,821,524 49	4,394,649 60	8,216,174 09	1,353,779 13
" 1895	66.499	329.988	396.477	3,859,618 75	4,503,938 56	8,363,557 31	1,425,438 80
" 1896	71 033	344.620	415 652	3,981,956 94	4,599,253 22	8,581,210 16	1,499,389 66
" 1897	71.639	362.920	434.559	4,030,071 72	4,716,013 45	8,746,085 17	1,595,289 75
" 1898	72.111	385 243	457.355	4,054,530 34	4,894,031 16	8,948,561 50	1,724,001 38
" 1899	72.194	414.952	487.146	4,057,432 82	5,190,968 08	9,248,400 90	1,851,417 62
" 1900	73.027	414.952	487.979	4,072,182 65	5,190,968 08	9,263,100 73	1,974,615 14
" 1901	73.385	422.505	495 890	4,119,286 14	5,235,747 35	9,355,033 49	2,074,871 78

NO. 13.—COST OF DISTRICT SEWERS PER 100 SQUARE FEET OF AREA, ASSESSED FOR EACH FISCAL YEAR, FROM APRIL, 1876, TO APRIL, 1901.

FISCAL YEAR.	Number of Sewer Districts Completed.	Area of Districts, in Acres.	Cost per 100 Sq. Ft. of Assessed Area.		
			Maximum.	Minimum.	Mean.
Ending April, 1877	16	$107 94	$3.356	$0.834	$1.691
" " 1878	2	11.74	1.505	1.471	1.486
" " 1879	18	147.04	2 479	0.779	1.843
" " 1880	15	172.26	2.226	0.575	1.196
" " 1881	16	174.40	1.781	0.656	1.107
" " 1882	32	197.00	2.37	0.69	1.215
" " 1883	17	162.00	1.92	0.66	1.32
" " 1884	19	121.48	2 685	0.624	1.207
" " 1885	32	217.04	4.049	0.66	1.294
" " 1886	32	848.60	3.829	0.586	1.146
" " 1887	21	339 47	2.361	0.461	1-269
" " 1888	29	183.19	1.464	0.445	0.948
" " 1889	27	781.02	2.168	0.35	1 405
" " 1890	27	297.33	3.768	0.498	1.013
" " 1891	27	324.79	1 703	0.475	1.057
" " 1892	28	364.95	1.302	0.411	0.925
" " 1893	21	732.00	1.729	0.454	1.442
" " 1894	25	379 37	1.848	0.358	0.998
" " 1895	22	880.31	1 391	0.498	0 936
" " 1896	20	467.88	1.087	0.305	0.649
" " 1897	19	467.32	1.531	0.448	0.838
" " 1898	12	694.93	1.147	0.48	0.858
" " 1899	10	857.80	1.431	0.817	1.03
" " 1900					
" " 1901	4	198.48	1.26	0.585	1.155

ANNUAL REPORT

OF THE

Harbor and Wharf Commissioner,

For the Fiscal Year ending April 8, 1901.

OFFICE OF THE HARBOR AND WHARF COMMISSIONER,
ST. LOUIS, April 9th, 1901.

To the Honorable Board of Public Improvements:

GENTLEMEN — I have the honor to submit the following report of the business transacted in the Harbor and Wharf Department during the fiscal year 1900-1901: —

EXPENDITURES.

The following amounts have been certified to the Auditor on the respective appropriations: —

HARBOR FUND.

HARBOR AND WHARF SALARIES AND CURRENT EXPENSES.

By Annual Appropriation, Ordinance 20152		$13,660 00
To pay-roll, commissioner and employees	$10,699 80	
To fuel	.....	
To ice	6 46	
To surveying instruments, draughting material	148 80	
To office expenses, furniture, etc	372 60	
To printing and stationery	248 55	
To horse and buggy and maintaining same	298 12	
To incidental expenses	57 77	
Total amount	$11,831 60	
Total balance	1,828 40	
	$13,660 00	$13,660 00

HARBOR BOAT.

By Annual Appropriation, Ordinance 20152		$ 16,950 00
By amount transferred from Street Cleaning Floating Dumps to Harbor Boat for towing and dumping		1,034 55
To pay roll, harbor-boat crew	$ 6,600 00	
To pay roll, laborers	675 00	
To fuel	2,498 41	
To ice	32 96	
To hardware, tools, rope, etc	234 14	
To boat stores, etc	387 52	
To repairs and painting	2,562 20	
To cleaning boilers	110 25	

To hose and couplings	.....	
To incidental expenses	$25 20	
To electric light plant	1,334 30	
Total amount	$14,459 98	
To balance	3,524 57	
	$17,984 55	$17,984 55

CLEANING LEVEE AND REMOVING OBSTRUCTIONS.

By Annual Appropriation, Ordinance 20152		$12,000 00
To pay roll, laborers	$ 9,200 94	
To pay roll, patrol, laborers and cart	1,834 00	
To divers, attendants, apparatus, etc	.....	
To dynamite, powder, etc	.....	
To hardware, tools, etc	7 50	
Total amount	$11,042 44	
To balance	957 56	
	$12,000 00	$12,000 00

REPAIRS OF DYKES, WHARF AND RIVER BANK.

By Annual Appropriation, Ordinance 20152		$22,000 00
To pay roll, overseers and field hands	$2,145 00	
To pay roll, laborers and cart	.....	
To repairing the wharf (reconstruction) with old and new granite and limestone paving blocks, incl uding grading, setting ring-stones, furnishing and spreading macadam and renewal sand as well as extra labor employed in setting plank and oak stakes to secure paving on river front under Annual Contracts Nos. 5463 and 5752	19,770 03	
To fastenings, links, rings, chains, shackles, etc	37 16	
To flagstaff and flag	5 00	
To lumber for sewer and other repairs	.....	
To sewer pipe and cement for repairs	.....	
To rolling	.....	
To top dressing	.....	
To incidental expenses	18 63	
Total amount	$21,975 82	
To balance	24 18	
	$22,000 00	$22,000 00

MUNICIPAL REVENUE.

SCAVENGER DUMPS—SALARIES AND CURRENT EXPENSES.

By Annual Appropriation, Ordinance 20152		$6,900 00
To pay roll, superintendent and watchmen	$6,399 96	
To pay roll, laborers	50 00	
To fuel	29 48	
To ice	30 96	
To hardware, tools, rope, etc	157 63	
To lamps, oil, repairs, etc	33 73	
To printing and stationery	1 50	
To painting, etc	.....	
To incidental expenses	1 70	
Total amount	6,704 96	
To balance	195 04	
	$6,900 00	$6,900 00

SCAVENGER DUMPS — CONSTRUCTION AND REPAIRS.

By annual appropriation, Ordinance 20152.....		$3,500 00
To general expenses — respective dump boats —		
To Northern dump, foot of Clinton street —		
Labor.....	$117 00	
Construction and repairs.....	50 00	
Central dump, foot of Mullanphy street —		
Labor.....	333 00	
Construction and repairs.....	208 07	
To Barton street dump, foot of Barton street —		
Labor.....	714 54	
Construction and repairs.....	1,830 54	
To Southern dump, foot of Stein street —		
Labor.....	.....	
Construction and repairs.....	.....	
Total amount.....	$3,253 15	
To balance.....	246 85	
	$3,500 00	$3,500 00

STREET CLEANING — FLOATING DUMPS.

By annual appropriation, Ordinance 20152.....		$11,500 00
To pay roll, watchmen.....	$5,400 00	
To pay roll, laborers.....	3,192 25	
To fuel.....	18 97	
To ice.....	31 79	
To hardware, tools, rope, etc.....	70 76	
To lamps, oils, repairs of tools, etc.....	166 09	
To printing and stationery.....	.....	
To repairs and painting.....	230 95	
To towing and dumping.....	734 55	
To incidental expenses.....	1 70	
Total amount.....	$9,847 06	
To balance.....	1,652 94	
	$11,500 00	$11,500 00

RECAPITULATION.

APPROPRIATIONS.

Annual Appropriation for the Harbor and Wharf Department, Ordinance 20152: —

HARBOR FUND.

Harbor and Wharf, Salaries and Current Expenses...	$13,660 00	
Harbor Boat.....	16,950 00	
Cleaning Levee and Removing Obstructions.....	12,000 00	
Repairs of Dykes, Wharf and River Bank.....	22,000 00	
Amount transferred from Street Cleaning Floating Dumps to Harbor Boat for towing and dumping....	1,034 55	
Total amount.....		$65,644 55

MUNICIPAL REVENUE.

Scavenger Dumps, Salaries and Current Expenses....	$6,900 00	
Scavenger Dumps, Construction and Repairs.....	3,500 00	
Street Cleaning Floating Dumps.....	11,500 00	
Total amount.....		$21,900 00

TOTAL APPROPRIATIONS FROM HARBOR FUND.

Total Annual Appropriations	$65,644 55	
Grand Total Annual Appropriations		$65,644 55

TOTAL APPROPRIATIONS FROM MUNICIPAL REVENUE.

Total Annual Appropriations	$21,900 00	
Grand Total Annual Appropriations		$21,900 00
Total Harbor Fund and Municipal Revenue		$87,544 55

EXPENDITURES.

HARBOR ACCOUNT.

Harbor and Wharf, Salaries and Current Expenses	$11,831 60	
Harbor Boat	14,459 98	
Cleaning Levee and Removing Obstructions	11,042 44	
Repairs of Dykes, Wharf and River Bank	21,975 82	
Total Expenditures, Harbor Account		$59,309 84

MUNICIPAL REVENUE.

Scavenger Dumps, Salaries and Current Expenses	$6,704 96	
Scavenger Dumps, Construction and Repairs	3,253 15	
Street Cleaning Floating Dumps	9,847 06	
Total Expenditures, Municipal Accounts		19,805 17
Grand Total Expenditures, Harbor and Municipal Accounts		$79,115 01

UNEXPENDED BALANCES RETURNED.

TO HARBOR FUND UNDER ANNUAL APPROPRIATIONS, ORDINANCE 20152.

Harbor and Wharf, Salaries and Current Expenses	$1,828 40	
Harbor Boat	3,524 57	
Cleaning Levee and Removing Obstructions	957 56	
Repairs of Dykes, Wharf and River Bank	24 18	
Total amount returned to Harbor Fund		$6,334 71

TO MUNICIPAL REVENUE UNDER ANNUAL APPROPRIATIONS, ORDINANCE 20152.

Scavenger Dumps, Salaries and Current Expenses	$195 04	
Scavenger Dumps, Construction and Repairs	246 85	
Street Cleaning Floating Dumps	1,652 94	
Total amount returned to Municipal Revenue		2,094 83
Total amount returned to Harbor Fund and Municipal Revenue		$8,429 54

Summary.

HARBOR FUND.

Grand Total Annual Appropriation, Ordinance 20152		$65,644 55
Grand Total Expenditures, Harbor Account	$59,309 84	
Grand Total Unexpended Balance retd. to Harbor Fund	6,334 71	
	$65,644 55	$65,644 55

MUNICIPAL REVENUE.

Grand Total Annual Appropriation, Ordinance 20152		$21,900 00
Grand Total Expenditures, Municipal Account	$19,805 17	
Grand Total Unexpended Balance returned to Municipal Revenue	2,094 83	
	$21,900 00	$21,900 00

REVENUE.

The following amount of wharfage and miscellaneous bills has been issued by the Harbor and Wharf Department and placed in the hands of the City Collector for collection during the fiscal year 1900–1901, viz. : —

WHARFAGE BILLS.

Steamboat trip bills	$6,038 73	
Excursion trip bills	1,080 80	
Packet license, monthly bills	5,471 42	
Lumber	927 64	
Wood	69 15	
Skids	60 00	
Total		$13,647 74

MISCELLANEOUS BILLS.

LICENSES.

Ferries	$5,950 00	
Tow boats	96 00	
Transfer boats	920 00	
Transfer barges	384 00	
Tugs	538 00	
Sand barges	706 00	
Total		$8,594 00

RENTALS.

Wharfboats	$3,115 50	
Sand landings	1,200 00	
Railway companies	20,131 42	
Elevators	2,912 50	
Cotton compress companies	3,285 12	
Lumber companies	8,290 19	
Rowing clubs	188 00	
Barge hire	305 50	
Micellaneous, handling and storing	.....	
Merchandise, ice, logs, iron, etc	5,019 94	
Total		$44,448 17
Grand total		$66,689 91

The above statement of revenue represents the amount of bills issued and placed in the hands of the City Collector for collection and not the actual collections made, as some bills are still outstanding, in litigation or in the hands of the City Collector.

REPAIRS AND RECONSTRUCTION OF WHARF.

The following table represents the area of pavement which has been laid during the fiscal year, 1900–1901: —

	SQUARES.	SQUARES.
New granite paving, reconstructed	516 59	
Old granite paving, reset	210.16	
Old limestone paving, reset	2.70	
Total amount of paving laid or reset		729.45
The area paved with granite blocks by the Harbor and Wharf Department at the close of the fiscal year 1899–1900	12,576.72	

The area paved with granite during the fiscal year 1900–1901	516.59	
Total area paved with granite by the Harbor and Wharf Department to date		13,093.31
The area paved with granite by the railroad companies at the close of the fiscal year 1899–1900	1,157.86	
The area paved with granite during the fiscal year 1900–1901	.....	
Total area paved with granite by the Railroad Companies to date		1,157.86
Grand total paved with granite to date		14,251.17

CREDITS TO HARBOR FUND.

By unexpended balance, April 10th, 1900		$41,757 28
By City Collector, Collections of Wharfage and Rents, Gross Collections	$62,620 39	
Less Commissions	2,135 68	
Net Collections		60,484 71
By amount received from Carroll & Powell for pumping the wreck of the Steamer Eagle		272 00
By unexpended balance returned to Harbor Fund for the fiscal year 1900-1901		6,334 71
To Annual Appropriations during the fiscal year 1900–1901	64,610 00	
To amount transferred to Municipal Revenue on account of lighting Levee Office	160 49	
To Balance credit of Harbor Fund at the close of the fiscal year 1900–1901	44,079 21	
Total	$108,849 70	$108,849 70

HARBOR BOAT.

At the close of this fiscal year I find the Harbor Boat in first-class order. During the year extensive repairs were made to the forward part of the boiler deck, and also to the boiler room. Painting the entire boat was quite necessary, which has been done. The boiler room was given two coats of fire-proof paint, thus making it less liable for fire.

In my last Annual Report I recommended the installation of an electric light plant, consisting of an engine, dynamo, seventy-five incandescent lights for cabin and boiler room, three arc lights, one four thousand candle power search light. During the past year the Municipal Assembly appropriated $1,350.00 for this work, thus making it possible to secure a plant, costing $1,334.30.

During the past year the Harbor Boat was called on twice to aid the Fire Department in extinguishing fires. On the afternoon of March 18th, the boat was sent to the Anheuser-Busch fire, staying there all night, playing two streams of water, thus rendering valuable service. On April 8th the boat was again called out to aid in extinguishing the fire at the St. Louis Elevator, foot of Biddle street, where it played three streams of water, and again did good work.

In my last report I called attention to the saving of $760.80 for towing and dumping. This amount is an actual saving to the City. Heretofore it has been customary to let contracts for towing and dumping, but since I took hold of this Department, I considered the price of $4.00 per trip too high for each dump, therefore I had the Harbor Boat do the work.

This year, by this method, the sum of $784.55 was saved. The sum of $150.00 was received from the Water Department for towing a boom. Another sum of $150.00 was received from the Health Department for services rendered in collecting samples of water for the City Chemist. $272.00 was received from Carroll & Powell for pumping the wreck of the Steamer Eagle, which sank near the Merchants' Bridge.

From the above it will be noticed that the Habor Boat has been active during the entire year.

CLEANING LEVEE AND REMOVING OBSTRUCTIONS.

During the past year the system of keeping the levee clean and free from river deposit, which remained after each rise, by washing, thus enabling the removal of river deposit in a semi-liquid state, has been continued and effectually accomplished its purpose.

This system is the more expeditious and economical of any method yet tried.

Some years ago the levee was kept clean by the employment of carts and the river deposit carted away. This system was too expensive and not expeditious.

The street, or western plane of the wharf, is still kept clean by the "Block Patrol" system.

SCAVENGER DUMPS.

There are two scavenger floating dump boats in service. One at the foot of Mullanphy street, another at the foot of Barton street and at the foot of Stein street a stationary dump is maintained, which during the open river offered convenient disposal of stable manure and light refuse from factories. The Floating Dump Boats are also continued in service during the winter months and placed at the central wharf, thus giving the Street Department the advantage of a short haul in removing snow, and consequently less expense, as well as rapid service.

Barton Street and Mullanphy Street Boats were repaired during the past year and are now in first-class condition.

The total number of wagon loads of manure, night soil and store sweepings dumped from these boats for the past twelve months is as follows:—

Mullanphy street dump	42,220 loads.
Barton street dump	57,693 loads.
Stein street dump	2,002 loads.
Total	101,915 loads.

STREET CLEANING FLOATING DUMPS.

The Street Cleaning Dump Boats with their respective landing boats located at Washington avenue and Chouteau avenue are in fair condition, but will need some repairs this year. They have rendered valuable service to the Street Department during the past year.

The boats have received and dumped 40,593 wagon loads of street sweepings, 21,624 from Washington avenue landing and 18,969 from Chouteau avenue landing.

REVENUE.

A comparative statement of the amount of bills issued this year with those of the previous year is presented in the following table: —

	1899–1900.	1900–1901.	Loss.	Gain.
Miscellaneous bills	$52,960 15	$53,102 17	.....	$142 02
Lumber bills	1,069 90	799 02	$270 88	.....
Wood bills	121 02	194 26	.....	73 24
Packet license bills	4,821 27	5,471 42	.....	650 15
Steamboat bills	7,553 26	7,123 04	430 22	.....
Total	$66,525 60	$66.689 01	$701 10	$865 41

$66,689.91 represents the amount of bills issued during the fiscal year. Of this amount, $62,620.39 was collected, leaving a balance of $4,069.52, most of which will undoubtedly be collected this year.

REPAIRS OF WHARF.

Repairing the wharf with new granite blocks during the past fiscal year was divided between extension of the granite roadway from a point two hundred and ten feet south of Rutger street southwardly to Barry street, some twelve hundred feet with an average width of twenty-two and one-fourth feet; widening the landing commenced last year at the foot of Sidney street and a portion of the eastern plane between Lucas avenue and Morgan street. The district heretofore paved with granite and referred to in my last annual report for the most part remains in fair condition; the repairs of this area, however, embraced that part of the upper plane of the wharf under the elevated railway, between Wash and Poplar streets, and from Chouteau avenue to Rutger street and consisted chiefly in resetting the old granite blocks, which were laid between eighteen and twenty years ago. The process of substituting granite blocks for repairs necessarily is limited by the appropriations allowed from year to year from the earnings of the Department, and consequently must be gradual.

WHARF PROPERTY.

The suits still pending in the courts for quieting title to portions of the wharf are herewith noted, viz.: —

Martha J. Sweringer *v.* City of Saint Louis and Justin E. Joy. Ejectment suit for possession of wharf in front of City Blocks Nos. 660 E. and 661 E., between Branch and Buchanan streets. Judgment for plaintiff. Appealed to State Supreme Court. Reversed June 15th, 1899. Taken by plaintiff to United States Supreme Court by Writ of Error.

Julia A. Hafner et al. *v.* City of Saint Louis, St. Louis, Keokuk and Northwestern Railroad Company and Justin E. Joy. Ejectment suit for portion of wharf at the foot of Dock street. Appealed from Circuit Court by plaintiffs to State Supreme Court. Affirmed March 12th, 1901.

UNITED STATES CIRCUIT COURT.

Tyler Estate *v.* City of St. Louis and Justin E. Joy. Ejectment suit for possession of portion of the wharf east of City Block No. 2544. Judgment for the City May 16th, 1900.

Wilford P. Joy *v.* City of St. Louis and Justin E. Joy. Ejectment suit for possession of portion of the wharf east of City Block No. 2544. Judgment for the City May 16th, 1900.

Annie F. King et al. *v.* City of St. Louis and Justin E. Joy. Ejectment to recover portion of the wharf east of City Block 2544. Judgment for the City May 16th, 1900.

GENERAL REMARKS.

During the past fiscal year the revenue collected from various sources has been gratifying, as the money will be needed for repairing the wharf, etc. By referring to Statement No. 10 it will be found that the river attained its highest stage

on March 26, 1901, when the Government Gauge, which is located on the wharf just south of Market street and opposite No. 4 South Wharf, registered 18.80. The lowest stage of the river was on January 8th, 1901, when the gauge registered nine-tenths of a foot below the zero mark, which mark is 33.81 feet below the curbstone at Market street and the Levee.

A WORD OF THANKS.

The Department desires to acknowledge its many thanks to Mr. R. J. Hyatt, Local Forecast Official of the Weather Bureau, for his kindness in supplying both this and the Levee office (foot of Market street) with the Official Weather Map displayed in our office during the past year.

I desire also to acknowledge my obligations to the other officers and employees who have assisted by their faithful work to promote the interests of this Department.

The following tabulated statements will be found in an appendix to this Report:—

No. 1. —Statement of Packet Companies and Boats operated by them during business at St. Louis during the fiscal year 1900–1901.

No. 2. — Statement of Number of Steamboats, Barges and Scows arriving at Saint Louis during the year ending December 31, 1900, including names, tonnage and trips made by each.

No. 3. — Statement showing conditions of Annual Contracts authorized by Annual Appropriation during the fiscal year 1900–1901.

No. 4. — Statement of the number of Steamboats and Barges and tonnage of same which arrived at Saint Louis during the fiscal year 1900–1901.

No. 5. — Statement of the amount of lumber, shingles, laths, pickets and logs which arrived at Saint Louis by river during the fiscal year 1900–1901.

No. 6. — Statement of the amount of firewood received at Saint Louis by river and the amount of wharfage charged during the fiscal year 1900–1901.

No. 7. — Statement of Wharf Privileges granted under special Ordinances yielding revenue to the City of Saint Louis and in force at the end of the fiscal year 1900–1901.

No. 8. — Statement of Wharf Privileges, granted under authority of Section No. 402 of the Municipal Code of the City of Saint Louis, approved April 3, 1900, and yielding revenue to the City and in force at the end of the fiscal year 1900–1901, subject to cancellation at the option of the Harbor and Wharf Commissioner.

No. 9. — Statement of Wharf Privileges granted under Special Ordinances, yielding no revenue to the City of St. Louis and in force at the end of the fiscal year 1900–1901.

No. 10.— Statement presenting the daily gauge readings of the Mississippi river at Saint Louis during the fiscal year 1900–1901.

Respectfully submitted,

HENRY ALT,

Harbor and Wharf Commissioner.

TABLE NO. 1.

STATEMENT OF PACKET COMPANIES AND BOATS OPERATED BY SAME, DOING BUSINESS AT ST. LOUIS DURING THE FISCAL YEAR, 1900–1901.

Name.	Steamer.	Trade.	Trips per week.
Diamond Jo Line	Quincy	St. Paul	2
Diamond Jo Line	Dubuque	St. Paul	2
Diamond Jo Line	Sidney	St. Paul	2
Diamond Jo Line	St. Paul	Keokuk	2
Eagle Packet Co.	Spread Eagle	Grafton	6
Eagle Packet Co.	Bald Eagle	Peoria	2
Eagle Packet Co.	Gray Eagle	Commerce	2
Lee Line	Georgia Lee	Memphis	1
Lee Line	Ferd Herold	Memphis	1
St. Louis and Calhoun Packet Co	City of Sheffield	Hamburg	2
St. Louis and Hamburg Transportation Co	India Givens	Hamburg	2
Chester Line	Belle of Calhoun	Chester	3
St. Louis and Tennessee River Packet Co.	City of Paducah	Tennessee River	2
St. Louis and Tennessee River Packet Co.	City of Memphis	Memphis	1
Independent Packet Co.	City of St. Louis	New Orleans	1
Independent Packet Co.	Hill City	New Orleans	1
Missouri Packet Co.	W. H. Grapevine	Rocheport	1

TABLE NO. 2.

Statement of the number of Steamboats, Barges and Scows arriving at St. Louis during the year ending December 31st, 1900, including names, tonnage and trips made by each.

STEAMBOATS.

Names.	Tonnage.	Trips.	Names.	Tonnage.	Trips.
A. Lamb	177	2	Dolphine 3	226	24
A. J. Whitney	....	2	Dubuque	493	15
Belle of Calhoun	284	27	Eilen	20	6
Bart E. Linehan	102	1	Eagle	148	8
Bald Eagle	373	82	Edith (Terry)	....	1
Beaver	314	10	Edith	....	1
Bryan (Canal Boat)	....	1	Fred Nellis	76	1
Betsy Ann	....	1	Ferd Herold	545	80
Bradwell	81	1	Flying Eagle	143	2
City of Providence	747	197	F. C. A. Denckman	....	1
City of Memphis	322	39	Fritz	84	2
City of St. Louis	979	8	Gleaner	285	11
City of Paducah	266	25	Georgia Lee	346	19
Cherokee	354	107	G. M. Sivley	99	1
City of Sheffield	276	25	Gray Eagle	381	74
C. R. Suter	....	3	Golden Gate	142	1
C. Boeckler	143	25	Gasconade	74	1
City of Metropolis	....	1	Gus Fowler	212	15
City of Warsaw	....	1	Gen. Barnard	....	5
Columbia	222	177	Gasconade	....	6
City of Henry	....	1	Gen. H. L. Abbott	....	3
Chas. Merriam	515	1	Hill City	854	10
Clyde	269	9	Hock White	19	1
Choctaw	....	1	Harvester	337	21
Col. Patterson	....	1	H. G. Wrig ht	....	9
Gen. John Newton	....	1	H. M. Hoxie	353	8
H. F. Frisbie	270	2	Henry Lowry	348	2
Harry Broawn	306	11	Ida Mack	34	1

STEAMBOATS.—*Continued.*

Names.	Tonnage.	Trips.	Names.	Tonnage.	Trips.
Jas. Y. Lockwood	391	13	Jacob Richtman	202	16
J. M. Richtman	132	6	Exporter	350	3
J. K. Graves	96	1	Jack Frost	214	8
Jennie Gilchrist	74	4	John Barrett	141	7
Juliet	....	1	John Macomb	....	2
Kit Carson	146	2	Lilly	....	7
Lorna Doone	20	10	Lewis Houck	421	4
Lumber Boy	....	2	Little Clyde	78	2
Lizzie Gardner	83	2	Leota	....	1
Myrtle Corry	....	2	M. M. Michael	138	12
Mississippi	....	4	Moline	192	21
Josie	161	13	May Flower	390	6
Polly	....	1	Mary Stewart	....	2
Peters Lee	334	1	Mary Hill	72	1
Quincy	539	9	Mollietta (Tug)	....	1
Russell Lord	186	13	R. C. Gunter	128	42
New Haven	55	11	R. J. Wheeler	140	1
Nokomis	....	1	Rees Lee	334	2
Oakland	351	3	Spread Eagle	379	223
Old Rip	78	2	Sidney	385	41
Polar Wave	150	16	S. H. H. Clark	417	3
Pathfinder	....	1	Sea Wing	83	7
P. E. Bailey (gasoline)	....	1	Satern	95	12
Pinta	....	1	Sattalite	50	8
St. Paul	459	32	Sachem	....	1
Sam Atlee	130	1	Sweetheart	39	1
Thomas Parker	58	82	Vixen	....	1
Vera (tug)	....	2	W. H. Grapevine	....	1
Will Davis	75	2	Wash Honshell	135	5
War Eagle	422	5	Wanderer	82	2
Wynoka	....	9	Zalus Davis	46	1

BARGES.

Name.	Tonnage.	Trips.	Name.	Tonnage.	Trips.
Annie Spies	164	13	C. G. T. Co., 20	445	9
Annie T.	216	9	Centennial	770	3
Alice	479	7	Commonwealth	677	3
Arkansas City	747	3	Dolomite	172	9
Adelaide	196	4	Dorothy Barrett	504	2
Australia	144	1	Dan	422	2
Bailey	320	4	Emporia	445	1
Berger No. 1	69	2	Fannie	181	6
Berger No. 2	17	5	Frank	263	1
C. G. T. Co., 9	236	1	Griffith S. & G. Co., No. 3	....	1
C. G. T. Co., 10	233	6	Geogebic (C. B.)	....	1
C. G. T. Co., 18	445	5	Griffith No. 16	220	1
C. G. T. Co., 19	445	5	Griffith No. 17	220	1
Hannibal	444	1	Griffith No. 18	230	1
Ione	479	10	Idaho	322	1
Idler	100	1	Jane	479	8
Jay Gould	272	8	Josie	198	7
John Allison	302	1	Jessie	189	4
Lilly	317	13	Little Cherokee	286	1
Lusk	176	1	La Belle	377	1
St. L. M. V. T. Co., 20	418	1	St. L. M. V. T. Co., 21	401	3
" 22	255	11	" 23	404	1
" 24	381	3	" 25	382	1
" 27	373	1	" 29	383	2
" 30	469	4	" 32	475	3
" 33	516	4	" 35	445	4
" 36	461	3	" 38	490	2

BARGES.—*Continued.*

Name.	Tonnage.	Trips.	Name.	Tonnage.	Trips.
St. L. M. V. T. Co. 39...	508	3	St. L. M. V. T. C., 40...	494	2
" 41...	503	3	" 42...	523	4
" 44...	506	3	" 46...	509	1
" 47...	513	3	" 53...	450	2
" 58...	488	2	" 59...	347	3
" 61...	425	4	" 62...	408	3
" 64...	399	3	" 65...	397	3
" 66...	347	3	" 67...	377	3
" 70...	403	2	" 72...	407	3
" 78...	410	2	" 80...	429	3
" 81...	400	3	" 82...	416	1
" 83...	409	3	" 85...	408	2
" 87...	409	3	" 89...	477	3
" 90...	446	4	" 91...	374	2
" 92...	469	2	" 93...	508	5
" 95...	447	2	" 96...	447	3
" 97...	473	3	" 98...	545	4
" 99...	474	1	" 100...	535	3
" 101...	310	3	" 102..	310	2
" 103...	310	2	" 106...	310	2
Leilla.....	182	7	Midland.....	175	1
New Mo. Sand Co., 1.....	...	4	New Mo. Sand Co., 2....	....	4
New St. L. Sand Co., 6..	....	2	New St. L. Sand Co., 7...	....	1
Niagara (canal boat).....	99	1	Ostrich.....	243	11
O. F. Barrett.....	504	10	Pellican.....	266	12
Petrel.....	238	13	Penquin.....	228	12
Rosa Lee.....	407	5	Rover, 1.....	217	6
Rover, 4.....	165	6	Swan.....	243	14
Vulcan..... ...	447	1	War Eagle.....	539	2

SCOWS.

Name.	Tonnage.	Trips.	Name.	Tonnage.	Trips.
A. L. T. Co., 16.....	250	1	A. L. T. Co., 25.....	250	5
" 23.....	250	2	" 26.....	250	5
" 15.....	250	3	" 18.....	250	7
" 19.....	250	7	" 28.....	250	4
" 13.....	250	2	" 14.....	250	3
" 21.....	250	3	" 34.....	250	1
" 22.....	250	3	" 24.....	250	1
Antonette.....	71	1	Barrett	198	1
Barrett, 115.....	246	1	Barrett, 116.....	246	1
Bently.....	....	1	Cairo, 78.....	....	1
Caty Moran.....	....	1	Cairo City Coal Co.....	100	1
Diamond.....	....	1	Dump, 1.....	....	1
Dump, 2.....	....	1	D. Marie.....	243	1
Davis Co.....	95	1	Davis Co., 14.....	95	1
Edna Lee.....	400	3	Ed Gibbs.....	266	1
Eagle Sand Co., boat 1...	132	3	Eagle Sand Co., No. 2....	132	3
" " 3...	132	3	" " 4....	132	1
Earl.....	202	1	Frisbie, 11.....	....	1
Frisbie, 35.....	....	1	" 54.....	....	1
Flying Eagle, No. 1.....	....	1	Flying Eagle, No. 2.....	....	1
Flying Eagle, No. 3.....	....	1	Grand Tower.....	375	5
Gasconade	30	4	Ida Mack, 2.....	....	1
J. W. Thomas, Jr.....	375	3	J. Walton, 623.....	245	1
J. Walton, 635.....	245	1	Joy Bros., No. 1.....	172	5
Joy Bros., 17.....	168	4	Joy Bros., No. 9.....	121	1
Joy Bros., 14.....	156	3	Joy Bros., 16.....	168	4
Joy Bros., 13.....	158	4	Joy Bros., 15.....	156	2
Joy Bros., 12.....	156	5	Joy Bros., 2.....	130	1

SCOWS.— *Continued.*

Name.	Tonnage.	Trips.
Joy Bros., 18	198	1
J. Richtman, 30	70	1
J. Richtman, 44	70	1
J. Richtman, 51	70	1
J. Richtman, 53	70	1
J. Richtman, 55	70	1
J. Richtman, 57	70	1
J. Richtman, 59	70	1
J. Richtman, 61	70	1
J. Richtman, 63	70	2
J. Richtman, 65	70	1
Kennard	....	1
Mamie	261	1
Oscar Barrett	246	2
Olympia	....	1
Purity	16	1
Quarter Boat No. 1	....	1
Quarter Boat No. 3	....	1
Sand Pump	....	1
New Haven No. 160	....	1
Teagle	....	2
Tarpin	....	1
Wm. J. Lemp, No. 2	448	2
Wm. J. Lemp, No. 4	448	2
Wm. J. Lemp, No. 10	448	3
W. H. Brown & Sons 123	172	1
" 280	172	1
" 160	172	1
" 180	172	1
" 278	172	1
" 203	172	1
" 286	172	1
" 197	172	1
" 133	172	1
" 262	172	1
" 85	172	1
" 241	172	1
" 247	172	1
" 299	172	1
" 163	172	1
" 159	172	1
" 284	172	1
" 8	173	1
" 169	172	1
" 267	172	1
" 304	172	1
" 207	172	1
" 229	172	1
" 145	172	1
" 221	172	1
" 268	172	1
" 289	172	1
" 282	172	1
" 107	172	1
" 195	172	1
" 223	172	1
" 297	172	..
" 394	172	1

Name.	Tonnage.	Trips.
Jobin	....	1
J. Richtman, 40	70	1
J. Richtman, 50	70	1
J. Richtman, 52	70	1
J. Richtman, 54	70	1
J. Richtman, 56	70	1
J. Richtman, 58	70	1
J. Richtman, 60	70	1
J. Richtman, 62	70	2
J. Richtman, 64	70	1
J. Richtman, 66	70	2
Little Jakie	20	1
New Olympia	....	1
Oscar	226	2
Pinta	....	1
P. King	....	1
Quarter Boat No. 2	....	1
Snow	431	11
New Haven No. 158	....	1
Sensation	....	2
Troll	....	1
Wm. J. Lemp No. 1	448	2
Wm. J. Lemp No. 3	448	2
Wm. J. Lemp No. 9	448	3
Wm. H. Brown & Sons	172	1
W. H. Brown & Sons 158	172	1
" 307	172	1
" 164	172	1
" 184	172	1
" 300	172	1
" 218	172	1
" 191	172	1
" 264	172	1
" 154	172	1
" 291	172	1
" 92	172	1
" 237	172	1
" 275	172	1
" 110	172	1
" 219	172	1
" 252	172	1
" 278	172	1
" 152	172	1
" 190	172	1
" 216	172	1
" 167	172	1
" 220	172	1
" 263	172	1
" 176	172	1
" 226	172	1
" 283	172	1
" 298	172	1
" 302	172	1
" 186	172	1
" 214	172	1
" 258	172	1
" 283	172	1
" 399	172	1

STEAM TUG BOATS.

Name.	Tonnage.	Name.	Tonnage.
Ella St. Clair	16	H. C. Haarstick	92
Ida Patton	13	Reliance	47
S. C. Clubb	30	Susie Hazard	61
W. K. Kavanaugh	149		

SAND TRANSFER BARGES.

Name of Company.	Landing.			Tonnage.	No. of Barges Worked
Eagle Sand Co	Plum Street,	Barges,	1 135		4
"	"	"	2 135		
"	"	"	3 135		
"	"	"	4 135		
New Missouri Sand Co	(St. George) Ann Street	"	1 220		2
"	"	"	2 220		
"	"	"	3 220		
"	"	"	4 220		
New St. Louis Sand Co	Cedar Street	"	4 165		4
"	"	"	5 165		
"	"	"	6 165		
"	"	"	7 165		
Union Sand Co	Chambers Street	"	1 160		4
"	Harrison	"	"	2 160	
"	Lease	"	"	4 160	
"	"	"	"	6 160	
"	"	"	"	7 160	
"	"	"	"	8 160	

TABLE NO. 3.

ANNUAL CONTRACTS. STATEMENT SHOWING CONDITION OF ANNUAL CONTRACTS AUTHORIZED BY ANNUAL APPROPRIATIONS, DURING THE FISCAL YEAR 1900-1901—REPAIRS OF DYKES, WHARF AND RIVER BANK.

Contract No.	Name of Contractor.	Character of Work.	Amount certified to Apr. 9, 1900.	Amount certified to from Apr. 10, 1900, to Apr. 9, 1901.	Total amount certified to.	Percent'ge retained	Remarks.
5463	Stifel & Ruckert.	For repairs of the wharf with granite and limestone blocks from July 1, '99, to July 1, '01-	$12,434 96	$10,266 95	$22,701 91	.....	Expired.
5759	Stifel & Ruckert.	For repairs of the wharf with granite and limestone blocks from July 1, 1900, to July 1, '01-	.....	9,503 08	9,503 08	$1055 89	In progress.

TABLE NO. 4.

STATEMENT OF THE NUMBER OF STEAMBOATS AND BARGES AND TONNAGE OF SAME ARRIVED AT ST. LOUIS DURING THE FISCAL YEAR 1900-1901.

	Upper Mississippi Riv.				Lower Mississippi Riv.				Missouri River.				Illinois River.					Ohio River.				Tennessee River.			
	Packets.	Boats.	Barges.	Tonnage.	Packets.	Boats.	Barges.	Tonnage.	Packets.	Boats.	Barges.	Tonnage.	Packets.	Boats.	Canal Boats	Barges.	Tonnage.	Packets.	Boats.	Barges.	Tonnage.	Packets.	Boats.	Barges.	Tonnage.
April, 1900	40	19	11	15,953	60	21	42	40,490	0	0	0	0	11	5	....	6	6,774	0	1	1	673	9	8	16	10,183
May	52	14	1	12,760	59	65	78	67,302	0	0	0	0	17	1	..	1	4,491	0	1	0	295	8	5	11	6,414
June	59	19	7	25,323	57	62	40	69,034	0	4	2	560	18	2	....	1	5,148	0	0	0	0	8	1	2	3,037
July	63	36	3	42,407	59	54	47	62,848	0	1	1	273	18	4	..	1	6,058	0	1	0	400	8	2	5	4,341
August	58	42	5	45,598	56	60	59	76,298	4	1	1	699	20	1	....	1	5,591	0	0	0	0	8	0	3	2,759
September	50	24	6	22,132	43	30	32	39,214	4	2	1	1,153	17	3	....	1	5,210	0	0	0	0	6	0	2	2,076
October	45	16	2	13,488	42	28	44	36,402	4	3	0	1,324	18	4	....	2	5,080	0	1	1	182	7	0	0	2,106
November	37	11	14	14,701	46	20	28	30,310	5	0	1	675	17	5	..	2	4,770	0	2	1	650	6	0	1	1,929
December	20	6	8	9,273	39	15	23	26,705	0	1	0	74	6	1	..	1	219	0	0	0	0	7	0	2	2,340
January, 1901	0	11	1	4,066	4	6	14	9,753	0	0	0	0	0	0	...	0	0	0	0	0	0	0	0	0	0
February	0	6	0	1,716	3	1	3	2,756	0	0	0	0	0	0	....	0	0	0	0	0	0	0	0	0	0
March	13	6	5	5,043	34	12	30	23,816	3	0	0	358	5	2	....	2	1,870	0	5	0	1,280	7	1	3	3,268
Total	437	210	63	212,460	502	374	440	484,928	20	12	6	5,116	141	28	...	18	45,211	0	11	3	3,480	74	17	45	38,453

RECAPITULATION.

	Packets.	Boats.	Canal Boats.	Barges.	Tonnage.
Upper Mississippi River	437	210	.....	63	212,460
Lower Mississippi River	502	374	....	440	484,928
Missouri River	20	12	....	6	5,116
Illinois River	141	28	....	18	45,211
Ohio River	0	11	....	3	3,480
Tennessee River	74	17	.....	45	38,453
	1,174	652	.....	575	789,648

TABLE NO. 5.

STATEMENT OF THE AMOUNT OF LUMBER, SHINGLES, LATHS, PICKETS AND LOGS, RECEIVED AT ST. LOUIS BY RIVER, DURING THE FISCAL YEAR 1900-1901.

	White Pine, Feet.	Shingles, Number.	Laths, Number.	Pickets, Number.	Logs, Sup. Feet.	Yellow Pine, Feet.	Poplar Feet.	Cotton-wood, Feet.	Cypress, Feet.	Sycamore, Feet.	Ash, Feet.
April, 1900	1,750,000	2,375,000	1,222,050	38,580	278,500	.....	1,215,500	2,638,000	2,228,100	.....	76,200
May, 1900	1,559,460	650,000	800,000	.....	256,298	.....	385,200	2,810,000	691,000	.....	292,170
June, 1900	3,386,000	2,500,000	2,241,700	1,700	637,400	.....	727,500	3,225,000	137,500	20,000	98,500
July, 1900	5,300,000	1,800,000	2,400,000	.....	86,000	.....	690,000	2,357,500	710,000	18,000	92,000
August, 1900	7,745,600	1,915,250	1,019,200	.....	530,500	.....	1,053,500	3 804,000	539,000	.....	375,000
September, 1900	7,961,700	3,376,500	3,677,000	.....	92,000	.....	376,000	1,702,500	1,027,000	.....	39,000
October, 1900	6,000,000	2,382,500	2,144,000	40,720	617,000	.....	598,600	2,923,700	355,000	.....	146,000
November, 1900	.....	400,000	.....	16,620	32,000	.....	594,500	1,198,400	617,000	.....	117,000
December, 1900	.....	1,410,000	.....	15,380	290,000	.....	364,000	1,816,000	348,000	41,000	180,900
January, 1901	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
February, 1901	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
March, 1901	.....	.....	300,000	.....	.....	.....	850,000	3,716,000	225,000	.....	93,000
Total	33,702,760	16,810,250	13,803,950	113,000	2,814,698	.....	6,854,800	26,191,100	6,877,600	79,000	1,509,770

TABLE NO. 5.— *Continued.*

STATEMENT OF THE AMOUNT OF LUMBER, SHINGLES, LATHS, PICKETS AND LOGS RECEIVED AT ST. LOUIS BY RIVER DURING THE FISCAL YEAR, 1900-1901.

	Oak, Feet.	Walnut, Feet.	Gum, Feet.	Maple, Feet.	Hickory, Feet.	Cherry, Feet.	Cedar, Feet.	Mahogany Feet.	Chestnut, Feet.	Pecan, Feet.	Elm, Feet.
April, 1900	2,025,800	13,600	719,000	.....	12,500	100	8,000	.....	.....	16,000	15,000
May, 1900	1,208,600	19,680	1,026,000	1,000	.....	.....	193,000	.....	.....	.....	57,000
June, 1900	439,000	400	1,130,000	.....	4,000	.....	86,400	.....	.....	.....	59,000
July, 1900	202,500	.....	106,000	.....	.....	.....	131,000	.....	.....	.....	10,000
August, 1900	1,747,600	.....	362,000	.....	.....	.....	.....	.....	.....	.....	100,000
September, 1900	428,000	3,000	635,000	.....	.....	.....	16,000	.....	.....	.....	24,000
October, 1900	468,500	350	770,000	.....	16,000	.....	2,700	.....	7,000	.....	29,000
November, 1900	585,000	.....	1,465,000	.....	.....	.....	6,500	.....	6,000	.....	112,000
December, 1900	530,800	4,000	1,059,000	.....	.....	.....	31,000	.....	8,000	.....	1,000
January, 1901	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
February, 1901	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
March, 1901	529,900	14,000	580,000	.....	.....	7,000	4,000	.....	.....	.....	.....
Total	8,159,800	55,530	7,833,000	1,000	32,500	7,100	478,600	.....	21,000	16,000	387,000

TABLE NO. 6.

STATEMENT OF THE AMOUNT OF FIREWOOD RECEIVED BY RIVER AT ST. LOUIS AND THE AMOUNT OF WHARFAGE CHARGED DURING THE FISCAL YEAR 1900-1901.

		Northern District.				Southern District.			
		1st Wharfage 5c per Cord.		2d Wharfage 2½c per Cord.		1st Wharfage 5c per Cord.		2d Wharfage 2½c per Cord.	
		Cords.	Wharfage.	Cords.	Wharfage.	Cords.	Wharfage.	Cords.	Wharfage.
1900.	April	274	$ 13 70			50	$ 2 50	232	$ 5 80
	May							160	4 00
	June			90	$ 2 25			145	3 63
	July			83	2 07				
	August							300	7 51
	September			50	1 25			90	2 25
	October			39	98			161	4 02
	November					125	6 25		
	December							140	3 51
1901.	January							268	6 70
	February							109	2 73
	March								
	Totals	274	$ 13 70	262	$ 6 55	175	$ 8 75	1,605	$ 40 15

RECAPITULATION.

District.	Cords of Wood Received.	Wharfage Charged.
Northern District	274	$ 20 25
Southern District	175	48 90
	449	$ 69 15

TABLE NO. 7.

STATEMENT OF WHARF PRIVILEGES GRANTED UNDER THE FOLLOWING SPECIAL ORDINANCES YIELDING REVENUE TO THE CITY OF ST. LOUIS, IN FORCE AT THE END OF THE FISCAL YEAR 1900-1901.

Ord'n'ce	LESSEE.	LOCATION.	LEASE. Begins.	LEASE. Expires.	Rate per Annum.	REMARKS.
11204	Iron Mountain Elevator Co..	Bet. Lombard st. and Chouteau av	Jan. 1, 1880	Jan. 1, 1905	$600 00	Occupied by elevator bins.
11390	Wabash, St. L. & Pacific R. R	Bet. Ashley and Dickson sts.....	July 1, 1880	July 1, 1904	1,200 00	For maintaining railway tracks.
11401	St. Louis Cotton Compr. Co.	South of Rutger st..	July 3, 1880	July 3, 1905	1 00	For landing, storing, and hauling cotton.
12024	Central Elevator Co	East of city blocks 855-856-857	Jan. 1, 1890	Jan. 1, 1905	200 00	For maintaining railway tracks.
12480	Schulenberg-Boeckeler L. Co	East of city block 268	Apr 16, 1883	Apr. 16, 1903	500 00	For operating a saw mill.
12744	Edwin Harrison.....	East of city blocks 288-289-290	May 6, 1884	May 6, 1914	750 00	For operating railway and incline tracks.
13062	Merchants Elevator Co.....	South of Florida st.	Jan. 1, 1885	Jan. 1, 1905	750 00	For maintaining grain elevator.
13694	Merchants Elevator Co.....	South of Florida st.....	July 1, 1886	July 1, 1906	50 00	For maintaining shipping bins.
14098	Central Elevator Co	Bet. Lombard st. and Chouteau av.....	Apr. 1, 1887	Jan. 1, 1905	600 00	For maintaining shipping bins.
15716	Farmers Elevator Co.....	East of city block 291E.....	Jan. 1, 1891	.....	600 00	For shipping bins subject to repeal by ordinance.
17034	Wiggins Ferry Co.....	Bet. Park av. and Soulard st.....	July 1, 1892	July 1, 1902	1,500 00	For maintaining railway tracks.
17122	Donk Bros. & Co.....	Bet. Lesperance st. and Lafayette av...	July 1, 1892	July 1, 1902	1,200 00	For office, scale, coal shed and railway tracks.
17208	Central Rowing Club.....	North of Palm st	June 29, 1893	June 29, 1903	60 00	For Club House.
17334	St. Louis Rowing Club.....	At the foot of Chouteau av.....	Dec. 22, 1893	Dec. 22, 1903	60 00	For Club House.
17753	Wiggins Ferry Co.....	South of Lesperance st.	July 1, 1894	June 30, 1904	3,000 00	For maintaining railway tracks.
17819	Wiggins Ferry Co.....	Bet. Park av. and Miller st.....	Feb. 25 1895	Feb. 24, 1905	450 00	For railway tracks, office sheds and tank.
17821	Wiggins Ferry Co.....	Bet. Chouteau and La Salle....	July 1, 1894	June 30, 1904	240 00	For maintaining railway tracks.
18044	Wiggins Ferry Co.....	Bet. Sidney and Barton	Apr. 4, 1895	Apr. 3, 1905	240 00	For maintaining railway tracks.
18958	Huse & Loomis Ice & T. Co..	East of city block 223.....	Jan. 1, 1897	Dec. 31, 1901	400 00	For manufacturing and storing ice.
19028	Chas. Gaertner.....	East of city block 669E.....	Apr. 1, 1897	Mar. 31, 1902	400 00	For storing and handling lumber.
19422	A. J. Rogers.....	Bet. Bremen and Angelica.....	Apr. 1, 1898	Mar. 31, 1903	112 50	For grain bins and conveyor.
19833	Mound City Rowing Club....	Bet. Chambers and Madison.....	July 18, 1899	July 17, 1904	60 00	For Club House.
19904	St. L. I. M. & So. Ry. Co.....	Bet. Carroll and Lafayette av.....	Jan. 1, 1900	Dec. 31, 1904	2,000 00	For maintaining railway tracks.

TABLE NO. 8.

STATEMENT OF WHARF PRIVILEGES, GRANTED UNDER AUTHORITY OF SECTION NO. 402 OF THE MUNICIPAL CODE OF THE CITY OF ST. LOUIS, APPROVED APRIL 8, 1900, AND YIELDING REVENUE TO THE CITY AND IN FORCE AT THE END OF THE FISCAL YEAR 1900 AND 1901, SUBJECT TO CANCELLATION AT THE OPTION OF THE HARBOR AND WHARF COMMISSIONER.

LESSEE.	LOCATION.	PURPOSE.	Rate per Month.
Am. Hardwood Lum. Co.	Part of City Block 2144	Lumber.	$ 48 90
M. J. Heller Lum. Co.	Part of City Block 2143	"	7 65
Druhe Hardw. Lum. Co.	Part of City Block 2142	"	152 00
H. Gaus & Sons Mfg. Co.	Bet. N. Market & Warren Sts	"	61 51
F. H. Smith & Co.	Part of City Block 2143	"	66 70
Chas. Gaertner,	Bet. Montgomery & Warren	"	31 40
Strifler & Wehinger,	Part of Blocks 2143 & 2144	"	48 70
Meier & Pohlmann F. Co.	Part of Block 2143	"	17 01
Meier & Pohlmann F. Co.	Part of Block 2144	"	30 10
Excelsior Box & Mfg. Co.	Bet. Wright & Palm Sts	"	15 50
Fehlig Bros. Box Mfg. Co.	Bet. Palm & Branch Sts	"	19 76
Hafner-Lothmann Mfg Co.	Bet. Dock & Buchanan Sts.	"	33 62
St. Louis W. W. Works.	Bet. Louisa & St. George Sts.	Logs.	62 50
J. P. Heinrich	Bet. Rutger & LaSalle	Railway Tracks.	25 00
Jos. Yoch & Bros.	Bet. Dorcas & Louisa Sts.	"	25 00
Wiggins Ferry Co.	Part of Block 2142	"	40 00
Wiggins Ferry Co.	Part of Block 2142	"	10 00
Wiggins Ferry Co.	Bet. Barton & Lesperance	"	25 00
Wiggins Ferry Co.	Bet. Ashley & Smith Sts	"	112 67
Wiggins Ferry Co.	Bet. Barton & Lesperance	"	166 67
Wiggins Ferry Co.	Bet. Clinton & N. Market	"	125 00
Wiggins Ferry Co.	Bet. Howard & Tyler Sts.	"	166 67
Wiggins Ferry Co.	Bet. Rutger & Chouteau	"	150 00
St. Louis Transfer Ry. Co.	Bet. Chambers & Clinton	"	30 00
Wiggins Ferry Co.	Foot of Rutger St.	Merchandise.	45 00
Wiggins Ferry Co.	Bet. Park Ave. & Rutger St.	"	16 67
Wiggins Ferry Co	Bet. Sidney & St. George	"	8 33
J. C. Muren Coal & Ice Co	Foot of St. George St.	"	4 00
St. L. Steam Forge Wks.	Bet. Barry & Miller Sts.	"	17 00
St. Louis Cotton Comp'rs.	Bet. Carroll & Rutger.	"	179 17
Peper Cotton Press.	Bet. Rutger & Convent.	"	41 74
New Missouri Sand Co.	Bet. St. George & Sidney	Sand Landing	25 00
New St. Louis Sand Co.	Foot of Cedar St	"	25 00
Eagle Sand Co.	Foot of Plum St.	"	25 00
Colorado Sand & Gravel Co.	Foot of Carr St.	"	25 00
Grafton Quarry Co.	Foot of Poplar St.	Derrick.	25 00
St. Louis Gas Light Co.	Foot of Rutger St	Barge.	28 67
American Refg Tr. Co.	Bet. Cedar & Gratiot	Conveyor.	25 00
North St. Louis Dock Co.	Bet. Bremen & Angelica	Repg. Boats.	25 00
St. Louis Rowing Club.	Foot of Chouteau Av.	Club House.	50

TABLE NO. 9.

STATEMENT OF WHARF PRIVILEGES GRANTED UNDER THE FOLLOWING SPECIAL ORDINANCES YIELDING NO REVENUE TO THE CITY OF ST. LOUIS, AND IN FORCE AT THE END OF THE FISICAL YEAR 1900-1901.

Ordin'ce.	Date.	Lessee.	Location.	Remarks.
10097	July 13, 1876...	St. Louis Wooden Ware Works....	Across the Levee south of Anna.....	Laying and maintaining a tramway.
10822 11054 11476	June 30, 1880..	St. Louis, I. M. and So. Ry. Co	Front st , from Barry st. to Exchange Sq....	Operating and maintaining a track along Front st.
11347	August, 1885 ...	Union Warehouse Co.....	Mullanphy street.....	Maintaining connecting tracks.
12054	May 27, 1882....	McPheeters Warehouse Co.....	Bet. Carr and Biddle streets.....	Construct and maintain 2 railway switch tracks.
13063	Dec. 20, 1884...	Merchants Elevator Co.....	Bet. Mullanphy and Dickson streets.....	Construct and maintain and operate a double track.
13353	August, 1885...	Merchants Elevator Co.....	Near Smith street.	Operate and maintain a branch track.

STATEMENT OF FERRY COMPANY PRIVILEGES GRANTED UNDER THE FOLLOWING SPECIAL ORDINANCES YIELDING REVENUE TO THE CITY OF ST. LOUIS, AND IN FORCE AT THE END OF THE FISCAL YEAR 1900-1901.

Ordin'ce.	Date.	Name of Ferry Company.	Location of Landing.	Space Occupied, Feet.	Rate per Annum.	Remarks.
10414	Nov. 19, 1877...	Madison Ferry Co.....	North Market street..... ..	200	$600 00	....
11015	Sept. 18, 1878...	Wiggins Ferry Co	Carr and Valentine streets..	200	5,000 00	.....
11239	Jan. 15, 1880....	Waterloo, Carondelet and Turnpike Ferry Co.....	Stein street.....	200	200 00	.....
14986	Nov. 30, 1889 ..	St. Clair Ferry and Transfer Co.....	Sidney street.....	150	150 00	.....

TABLE NO. 10.

STATEMENT PRESENTING THE DAILY GAUGE READINGS OF THE MISSISSIPPI RIVER AT ST. LOUIS DURING THE FISCAL YEAR 1900-1901.

MONTH.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1900	L.														H.																
April	13.60	14.20	14.30	14.20	14.50	15.00	15.70	16.60	16.60	16.10	15.90	15.90	16.60	18.10	18.40	17.60	16.80	16.00	15.30	15.30	15.90	16.20	16.30	16.70	17.00	17.40	17.40	17.00	16.60	16.10	.....
May	15.60	15.40	15.60	15.70	15.90	15.70	15.30	16.30	16.20	16.00	15.80	15.50	H. 16.60	16.40	15.50	15.00	14.00	13.90	14.20	14.20	14.20	14.10	14.10	14.10	13.80	13.50	13.30	L. 12.70	12.80	13.50	13.40
June	13.60	13.10	13.00	12.70	12.40	11.90	11.60	11.40	11.30	11.10	10.80	L. 10.40	10.70	12.10	13.80	13.00	12.30	11.50	11.20	11.20	11.40	13.10	14.40	H. 14.60	14.50	14.40	13.90	13.20	12.80	12.00	.....
July	11.20	11.30	11.20	11.30	11.50	11.20	11.00	10.80	10.50	10.60	10.20	10.30	10.50	10.00	9.60	9.70	10.00	9.70	9.40	L. 9.10	9.20	10.10	11.80	12.70	12.90	H. 13.10	12.60	12.60	11.30	11.90	11.70
August	H. 11.40	10.80	10.40	9.90	9.40	9.10	8.40	8.00	7.40	7.10	6.60	6.20	5.90	5.60	5.30	5.20	L. 5.10	5.20	6.30	8.00	8.90	9.30	9.30	9.30	9.20	9.00	8.90	8.90	8.70	8.70	9.60
September	9.80	10.10	H. 12.20	10.10	10.20	10.30	9.90	9.10	8.50	8.10	7.90	7.30	7.00	6.70	6.60	6.40	6.20	L. 6.00	6.00	6.20	6.40	7.00	7.40	7.60	7.60	7.70	7.90	8.30	7.80	10.00	.....
October	10.50	11.10	12.30	13.20	H. 13.30	12.90	12.60	12.80	13.20	13.10	12.20	11.40	10.90	10.50	11.30	10.10	L. 10.00	10.10	10.20	10.40	10.60	11.10	11.70	12.10	12.30	12.60	12.50	12.50	12.50	12.60	12.90
November	13.00	12.20	11.90	12.00	12.20	12.50	13.50	H. 13.90	13.70	13.30	12.90	12.70	12.50	12.30	12.00	11.70	11.70	11.80	12.00	11.90	12.00	12.10	12.00	12.10	12.10	12.00	11.90	11.60	11.40	L. 10.80	.....
December	H. 10.10	9.50	8.90	8.50	8.10	8.70	7.50	7.30	7.10	6.90	6.70	6.60	6.40	6.10	5.80	5.60	5.30	5.00	4.70	4.50	4.30	4.00	4.00	3.70	3.70	3.60	3.60	3.60	3.50	3.20	L. 3.00
1901								L.							H.																
January	2.80	2.60	2.30	1.90	1.40	1.00	1.80	.90	1.30	2.30	2.80	4.50	5.20	5.30	5.70	5.50	5.40	5.70	5.60	5.40	5.00	5.10	5.20	5.20	5.20	4.90	4.90	4.80	4.80	4.80	4.70
February	4.40	4.10	3.90	4.20	4.00	3.80	3.50	2.80	2.40	L. 1.60	1.80	2.50	2.50	2.50	2.60	2.60	2.80	3.00	3.40	3.70	3.40	3.10	3.00	3.50	3.80	4.40	H. 5.20	4.90	.....	.....	.....
March	4.40	4.10	L. 3.80	3.90	4.50	5.00	5.20	5.90	6.90	8.40	12.60	16.00	17.10	17.20	16.90	16.50	16.40	16.30	16.10	16.20	16.10	16.80	17.60	18.10	18.60	H. 18.80	18.70	18.30	18.00	17.80	17.90

The letters "H" and "L" indicate the highest and lowest stage of the river.

ANNUAL REPORT

OF THE

MILK INSPECTOR, CITY OF ST. LOUIS, MO.,

For the Fiscal Year 1900-1901.

ST. LOUIS, May 10, 1901.

To the Hon. Rolla Wells, Mayor of the City of St. Louis:

I beg leave to submit the following annual report on milk inspection with connected observations: —

AMOUNT OF ANNUAL APPROPRIATION.

For salary of Milk Inspector	$1,500 00
For expenses of said officer	None.

EXPENDITURES OF SAID OFFICER.

For salary of Milk Inspector	$1,500 00
For expenses of said officer	80 19
	$1,580 19
Number of analyses made during fiscal year	787
Adulterations found in above samples	65

The general quality of our milk during the last fiscal year has been above our legal standard which, compared to other large cities, is a very low standard, requiring but 2.8 per cent butter fat and 12 per cent total solids. To account for this, is owing that most of our dairies are delivering milk in bottles, which are filled and properly sealed at the dairies, to avoid the possible chance of adulterating the supply of milk which is delivered in a sealed bottle, whereas formerly it has been delivered from twenty gallon cans, which no doubt adulterations existed to a larger extent than at present. The adulterations of milk in this city, taken in the order of their frequency, are: The addition of water, the abstraction of cream (or both combined), the mixing of separated milk with new milk, the addition of cane sugar or starch to conceal watering, the addition of formalin, borax or salicylic acid to milks likely to decompose, and lastly, the addition of glycerin. Milk is also occasionally manufactured from condensed or concentrated milk. No other adulterations than the above have been proved to exist by any trustworthy evidence. The mere addition of water is easily detected by the low specific gravity of the milk, which test is really extremely satisfactory, provided the milk is not exceptionally rich in cream, for an exceptionally rich milk may possess a specific gravity similar to that of a watered milk. Of the sixty-five samples of

milk which were found to be adulterated, where adulterated by the addition of water and that it was done by unscrupulous men who were in charge of delivering the same, an occurrence which exists amongst rival dairies. Several cases of the above have been investigated and found that the supply that was furnished was above our legal standard, and this same supply which was examined two hours later was adulterated either by the addition of water or by the addition of rennet. It has been my custom to collect samples of milk direct from the consumer, instead of collecting samples from the wagons, which has been done heretofore and which necessitates a good deal of time. My object in collecting samples by this method is far superior. It has been demonstrated formerly where this method had not been pursued, adulterations existed very largely. Furthermore, samples of cream have been collected by this method and examined for adulterations, which generally occur during the summer. The principal adulterations of cream are as follows: Albumen and the white of eggs. Ordinary, or raw cream, is either cream raised in the ordinary way, that is by allowing the milk to rest undisturbed at the ordinary temperature; or it is separated by more modern and scientific processes, such as cold and centrifugal machines. Cream as thus produced, is a thickish, yellowish liquid, containing a variable amount of milk fat, for which, fortunately, there is a legal standard, and it is difficult to say what is the minimum proportion of fat a cream may contain, and yet be properly designated cream. It is my opinion that any rich milk sold as cream with less than 25 per cent of fat is not cream, properly so called. Quite a number of analyses of cream examined will be seen that the lowest average is 31.8 per cent; the highest, 51.1 per cent, and the mean of the whole, 41.0 per cent; and this may be taken as fairly representing the composition of good cream. Unscrupulous dairies may attempt to produce artificial cream, made of albumen and ordinary cream, and colored feebly with what was probably the coloring matter of the carrot; but up to the present no artificial cream has been detected by this office. Our principal resources of milk supply to a large city, like other large cities, is the product from surrounding farms within a radius of from 75 to 100 miles. This is shipped to us by rail, and I would suggest that an assistant or two be appointed to intercept this supply on the cars, and if found that said milk thus inspected does not fulfill the required legal standard that it may be condemned at once, before it ever reaches the consumer. By doing this the standard may eventually be raised to a higher standard, as has been done by this office. The composition of cow's milk consists of matter partly in solution and partly in suspension: sugar of milk, casein, pepsine, lactochrome, saline matters and a few minute quantities of several other substances are dissolved into water, whilst milk fat is apparently emulsified, and a portion of the casein is in the form of extremely fine granules, which can only be arrested by filtration through porous earthenware or a similar filtering medium. When a very thin layer of healthy milk is examined by a microscope, the milk fat alone is visible and appears in the form of innumerable globules, the number of globules depending on its richness in fat, it would hence appear that good milk contains from about two to three and a half millions of globules in every cubic millimeter. It has hitherto been that the globules are surrounded by a thin pedicle or membrane, and as a proof of the existence of this membrane the fact is usually cited that if you shake up milk with ether scarcely any of the fat dissolves unless a little acetic acid is first added, which is supposed to act by dissolving the hypothetical membrane,

but it may be shown that the fat can be extracted from milk by shaking with ether, provided that the volume of ether to that of the milk be excessive. That solids of milk — the amount of solid matter in milk — varies within considerable limits and is much influenced by all circumstances that affect the health and nutrition of the cow, certain cows secreting double and treble the amount of fat, but if we subtract the water as well as the fat, then the percentage of solid matter varies but little, and, in healthy, fairly-fed cows, does not, save in exceptional cases, fall below 85 per cent. The numerous analyses tend rather to show that the true lowest percentage of milk solids, minus fat and water, is 9 per cent, and this fact is fully borne out by the original investigations conducted in my own laboratory. The highest amount of the same solids, which has yet been found in the secretion from healthy animals, reaches to about 11 per cent, so that at most there is no extreme fluctuation between 8.5 and 11 per cent. Our legal standard of milk, compared to other large cities, is low, and I would suggest the standard to be as follows : —

Milk containing eighty-eight percentum of water or fluids.

Milk containing twelve percentum or more of milk solids.

Milk containing at least three percentum of fats.

I would therefore suggest all milk that does not fulfill the above requirements to be termed adulterated, etc.

Milk containing more than eighty-eight percentum of water or fluids.

Second. Milk containing less than twelve percentum of milk solids.

Third. Milk containing less than three percentum of fats.

Fourth. Milk drawn from cows within fifteen days before and five days after parturition.

Fifth. Milk drawn from cows fed on distillery waste or any substance in state of fermentation or putrefaction or on any unhealthy food.

Sixth. Milk drawn from cows kept in a crowded or unhealthy condition.

Seventh. Milk from which any part of the cream has been removed.

Of the sixty-five samples of milk which were found to be adulterated fifty-two samples were found to contain more than eighty-eight percentum of water, and these same samples were brought to me in two and three ounce vials, a proportion wholly too small for a more rigid examination. I had therefore refrained from notifying the Board of Health. For a more rigid examination at least one-half pint of milk is necessary to be brought in thoroughly cleansed vials and properly sealed. The balance of thirteen specimens I collected in person I had seen adulterated by unscrupulous help in the kitchens. I would therefore urge to have at least two assistants to assist in the collection of samples for this office. With a less force a protective system of milk inspection equal for the needs of the city cannot be successfully carried out.

Respectfully,

HENRY J. HELWIG, Ph. G., M. D.,

Milk Inspector, City of St. Louis.

ANNUAL REPORT

OF THE

CITY MARSHAL'S OFFICE,

For the Fiscal Year ending April, 1901.

ST. LOUIS, April 9th, 1901.

Hon. Rolla Wells, Mayor of City of St. Louis:

DEAR SIR — I have the honor to submit to you the annual report of business transacted in the City Marshal's office for the fiscal year ending April, 1901. Collections reported are to and including March 31, 1901.

FIRST DISTRICT POLICE COURT.

Month.	Cases Disposed of.	Amount Collected.	Prisoners Sent to Work House.
1900.			
April	794	$449 50	48
May	707	236 50	21
June	915	548 00	53
July	1308	818 50	95
August	1034	845 00	70
September	1033	618 00	59
October	991	565 00	37
November	744	450 00	59
December	961	404 50	75
1901.			
January	937	247 00	66
February	678	121 50	32
March	932	173 00	39
	11,034	$5,477 50	654

Sent to House of Refuge, 1.

SECOND DISTRICT POLICE COURT.

Month.	Cases Disposed of.	Amount Collected.	Prisoners Sent to Work House.
1900.			
April	595	$62 00	36
May	355	94 00	25
June	613	155 00	36
July	799	261 00	32
August	902	399 00	71
September	703	248 00	60
October	658	108 00	62
November	457	51 00	66
December	439	94 00	48
1901.			
January	520	78 00	51
February	339	32 00	34
March	520	32 00	64
	6,900	$1,614 00	585

Sent to House of Refuge, 19.

POLICE COURT DISTRICT SOUTH OF ARSENAL STREET.

Month.	Cases Disposed of.	Amount Collected.	Prisoners Sent to Work House.
1900.			
April	81	$27 00	10
May	103	24 00	5
June	140	36 50	2
July	186	203 00	5
August	123	87 00	13
September	125	26 00	3
October	105	56 00	1
November	79	29 00	6
December	71	32 00	5
1901.			
January	26	15 00	2
February	26	50 50	2
March	75	36 00	8
	1,140	$622 00	62

Sent to House of Refuge, 1.

ST. LOUIS, April 9th, 1901.

Henry Reinstedler, City Marshal, St. Louis, Mo.:

DEAR SIR: Following is the amount of dogs, hogs, horses, mules, goats and cattle caught, released and killed during the fiscal year 1900 to 1901:—

Dogs caught, 8,964; released, 954; killed, 8,000.

Horses caught, 108; released, 104; sold at public vendue, 4.

Mules caught, 41; released, 41.

Cattle caught, 198; released, 198.

Hogs caught, 32; released, 32.

Goats caught, 60; released, 60.

Respectfully yours,

JOHN BARDOL,
Public Impounder, St. Louis, Mo.

POLICE COURT SUMMONS SERVED.

First District	976
Second District	767
District south of Arsenal street	239
Total	1,982

Subpoenas served averaged about three to a summons.

Board of Health notices served	14,298
Subpoenas and notices from Executive Department	68
License Commissioner notices served	44
Circuit Court summons in street opening cases served	1,313

The amount appropriated for salaries and incidental expenses of the Marshal's office was $23,498.50, of which $12.68 was not expended.

Respectfully submitted,

HENRY REINSTEDLER,
City Marshal.

FRED. H. SMITH, *Chief Deputy.*

ANNUAL REPORT

OF THE

CITY JAILER,

For the Fiscal Year ending April 8, 1901.

JAILER'S OFFICE,
ST. LOUIS, April 15, 1901.

Hon. Rolla Wells, Mayor City of St. Louis:

SIR — I have the honor herewith to submit this, my annual report, for the fiscal year ending April 8, 1901.

The daily average number of prisoners, 184, and the daily average cost of feeding one person, including prisoners and employes, was 19 cents.

The annexed tables show the number of prisoners committed, the charge upon which they were committed, the nativity, age, color, sex and occupation of each, also a statement of receipts and expenditures for the fiscal year.

Very respectfully,

A. HUEBLER,

Jailer.

COMMITMENTS.

Abandoning wife	17	Malicious destruction of property	7
Arson	6	Manslaughter	4
Assault and battery	102	Murder, 1st degree	2,088
Assault to kill	360	Murder, 2d degree	28
Assault to ravish	6	Perjury	3
Bigamy	5	Practicing medicine without license	1
Beastiality	6	Obstructing R. R. tracks	55
Burglary 1st degree and larceny	25	Open and notorious adultery	2
" 2d " "	187	Rape	14
Carnal knowledge female under 18	7	Receiving stolen property	13
Contempt of court	12	Robbery, 1 degree	188
Carrying concealed weapons	136	Safe-keeping	135
Disposing of and concealing mortgaged property	6	Selling liquor without license	2
Embezzlement	31	Seduction	8
Establishing lottery	8	Selling lottery tickets	7
False pretenses	14	Taking away female under 18	10
Fraudulent voting	1	Throwing at R. R. car	25
" registration	6	Unlawful use of label	2
Forgery	20	Unlawful possession of dynamite	2
Fugitive from justice	2	Uttering forged instrument of writing	2
Held for court	6	Violating City Ordinance	30
Incest	3		
Larceny, grand	256		
Larceny, petit	855		2,646

SUMMARY.

Committed by Sheriff, St. Louis	2,511
" " other sheriffs	14
" " U. S. Marshal	121
	2,646

AGES.

Between 10 and 20 years	592	Between 60 and 70 years	25
Between 20 and 30 years	1,261	Between 70 and 80 years	5
Between 30 and 40 years	477	Between 80 and 90 years	4
Between 40 and 50 years	194		
Between 50 and 60 years	88		2,646

COLOR AND SEX.

White males	1,659	Colored females	164
Colored males	731		
White females	92		2,646

SOCIAL CONDITION.

Married	686
Single	1,960
	2,646

OCCUPATIONS.

Agent	12	Farmer	75	None	72
Baker	15	Florist	12	Painter	33
Broker	5	Fireman	14	Paperhanger	21
Barber	15	Gardener	7	Peddler	72
Bartender	29	Gambler	7	Porter	93
Blacksmith	21	Glassblower	9	Physician	7
Boilermaker	9	Grocer	6	Plater	4
Bootblack	11	Harnessmaker	3	Plasterer	17
Bricklayer	18	Housekeeper	260	Postmaster	1
Boxmaker	4	Horseshoer	17	Plumber	14
Brushmaker	6	Hostler	33	Printer	21
Butcher	25	Ironworker	37	Railroadman	35
Broommaker	6	Jeweler	7	Riverman	59
Brewer	6	Jockey	5	Roofer	9
Candymaker	9	Laborer	741	Salesman	37
Carpenter	32	Lather	7	Shoemaker	60
Carriagemaker	13	Laundrymen	19	Stonemason	11
Cigarmaker	9	Lawyer	2	Servant	117
Conductor	20	Locksmith	5	Tailor	17
Coachman	19	Lineman	11	Teamster	100
Collector	13	Machinist,	25	Tinner	13
Clerk	41	Messenger	16	Tobacconist	23
Cook	19	Midwife	1	Waiter	26
Cooper	11	Merchant	14	Whitener	6
Druggist	2	Millwright	3		
Dentist	2	Molder	29		2,646
Engineer	15	Motorman	15		
Electrician	8	Musician	3		

NATIVITY.

Austria	1	Nova Scotia	1
Belgium	1	Poland	1
Canada	13	Russia	21
China	4	Scotland	3
England	14	Sweden	1
France	2	Switzerland	3
Germany	89	United States	2,428
Hungary	2		
Ireland	54		2,646
Italy	8		

DISPOSITION OF PRISONERS.

Bond	779	Montgomery City	19
City Hospital	23	Paroled	11
Discharged	565	Penitentiary	198
Executed	1	Reform School	41
Fine paid	2	Term expired	27
House of Refuge	31	Work House	838
Ignored bills	59		
Ironton	33		2,630
Industrial Home	3		

EXPENDITURES.

Salaries	$22,132 99
Bread	1,968 81
Meat	7,469 67
Groceries	4,026 45
Vegetables	619 00
Milk	514 50
Ice	244 97
Fuel	94 07
Drugs, medicines, etc	459 09
Dry goods, clothing and bedding	689 64
House furnishing goods	956 24
Kitchen utensils and repairs of same	227 70
Furniture and repairs of same	42 28
Office expenses, etc	55 75
Hose and couplings	105 01
Hardware and tools	30 60
Miscellaneous	10 00
Repairs of Jail and jailer's residence	762 95
	$40,409 67

RECEIPTS.

Court of Criminal Correction	$129 50
Circuit Court	18,309 50
U. S. Government	1,732 80
Transient prisoners	142 80

BILLS GIVEN COMPTROLLER FOR COLLECTION.

Maries County	$11 50
Dunklin County	238 00
	25,564 10
Expenditures	$40,409 67
Receipts	20,564 10
	$19,845 57

NET COST TO CITY.

Appropriations	$42,980 00
Expenditures	40,409 67
Balance reverting to General Revenue	$2,570 33
Daily average number of prisoners during year	184
Daily average cost of feeding one person including prisoners and employes	19

ANNUAL REPORT

OF THE

COMMISSIONERS OF PUBLIC CHARITIES,

For the Year 1899-1900.

To the Honorable Rolla Wells, Mayor of the City of St. Louis:

SIR — Pursuant to the provisions of the Charter or Ordinances of the City of St. Louis, the undersigned Commissioners on Charitable Institutions beg to submit herewith their annual report for the year 1899-1900.

The Board has visited each month the various penal and charitable institutions which are supported wholly or in part by the City.

The management of the various institutions has on the whole been satisfactory. The officials in charge have done their duty with ability and fidelity, and with such measure of efficiency as is possible with the means at their command.

With respect to the buildings and equipment, the institutions of the City are in a most unsatisfactory condition. The present buildings were erected at a time when the City was but a small fraction of its present size. The Insane Asylum was built in 1866, the Poor House in 186 , the House of Refuge in 1866, the Work House in 1853, the Jail in 1871, and the City Hospital occupies a dilapidated building which was never designed for its present use. With the exception of a few makeshift additions, unworthy of the name of improvements, these buildings stand as they stood when they were built. They may have been a credit to the City for whose needs they were intended; they are a disgrace to the City to-day.

As a result of the neglect to make the City's institutions keep pace with its growth, these buildings are now in a terribly overcrowded condition. By resorting to such expedients as putting mattresses on floors and beds in hallways, they have been forced to accommodate many more persons than they were designed to, or can properly hold. But the limit has now been reached, and procrastination is no longer possible, unless St. Louis is ready to confess that she is either unwilling or unable to take care of her sick, her insane and her poor.

As the state of affairs above outlined exists in every one of the City's institutions in nearly an equal degree, nothing is to be gained by considering their individual needs in detail. What might be said of one would apply to all. This overcrowding, however, has in the case of the House of Refuge and the Jail given rise to such conditions that the Board feel it their duty to call the

attention of your Honor and the Municipal Assembly thereto as calling for immediate and effective action.

The House of Refuge serves a double purpose; it is both a home for abandoned and destitute children and a reformatory for vicious children. If this institution is to accomplish its purpose, it is absolutely essential that these two classes be kept separate each from the other; yet in the present overcrowded condition of the buildings this is impossible. The necessary result is that the House of Refuge to-day is as effective in corrupting the innocent as in reforming the vicious.

The similar state of affairs exists in the City Jail and for the same reasons. There is, and in the present overcrowded condition of the building can be, no provision whatever for separating youthful from the old and hardened criminals. A boy, who for any reason is committed to the Jail, is compelled to associate every hour with men guilty of the gravest crimes known to the law. When it is remembered that during each year there are from 700 to 800 boys confined in the Jail, the need of immediate remedy is apparent.

These evils have been specially mentioned not only because they are the most serious but also because it is believed that they may be most easily remedied. A comparatively small appropriation will provide for the necessary improvements and we earnestly recommend to your Honor and the Municipal Assembly that it be made as soon as possible.

Respectfully submitted,

G. CRAMER,
President.

FREDERICK DEIBEL,
ARTHUR B. SHEPLEY,
LOUIS J. SINGER,
JOHN D. VINCIL,

CORTEZ A. KITCHEN, *Secretary.*

ANNUAL REPORT

OF

CORONER ROBERT M. FUNKHOUSER,

For the Fiscal Year 1900-1901.

JUNE 8th, 1901.

Hon. Rolla Wells, Mayor:

DEAR SIR — I submit herewith a report of the work and proceedings of the Coroner's Office during the fiscal year ending March 31st, 1901.

The statistical tables contain figures of great value in the study of the mortuary records of St. Louis. You will observe that during the fiscal year covered by this report the Coroner's Office investigated the deaths of 1,211 persons. During the prior fiscal year of 1899–1900 the Coroner investigated 1,152 cases, an increase of 59 cases during the past fiscal year. The total of 1,211 cases means an average of over 100 cases a month, a startling record of violent deaths and deaths without medical attendance.

Of the 1,211 cases investigated by the Coroner's Office, 114 were homicides. During the previous fiscal year 87 homicides were committed in St. Louis, while during the fiscal year 1898–1899 there were 85 homicides. Thus it will be seen there has been a startling increase of 27 homicides during the past fiscal year. Of the 114 homicides committed during the past fiscal year, 82 were the result of gunshot wounds. This is a natural result of the indiscriminate carrying of firearms, which has lately attracted the attention of the prosecuting officers and criminal courts. I respectfully suggest to Your Honor that a strict enforcement of statutes and ordinances relative to the carrying of weapons should be enforced, thereby reducing the great number of violent deaths. With all due deference to the prosecuting officers, I submit that the great number of murders during the past fiscal year calls for more vigorous action against the takers of human life. A wholesome fear of the law with its penalties will do more than anything else to stay the hand of murderers, which is borne out by observation at inquests.

During the past fiscal year, 360 deaths were due to accidents, an increase of 12 over the previous year. The testimony taken at these inquests in accident cases indicates that many of these deaths could have been prevented by the observance and enforcement of statutes and ordinances designed for the protection of life. By reference to transcripts of cases in the Coroner's Office, it will be seen that in many instances the ordinances governing the construction of

buildings, the running of elevators, and especially the operation of the street cars, have not been observed.

During the fiscal year ending March 31st, 1901, the street cars were responsible for the deaths of 71 persons. During the same period 50 persons were killed by locomotives and railroad cars; 16 persons lost their lives in elevator mishaps; 49 persons were burned to death; 29 were killed by accidentally inflicted gunshot wounds, and 145 deaths were due to miscellaneous causes, such as falls from buildings, slipping on the sidewalks resulting in fatal complications, accidental administration of poison, drowning, blood poisoning resulting from neglected wounds, electric shocks, etc. By no means all of the persons who became victims of railroad trains received their injuries in St. Louis. Many were hurt in Missouri, Askansas and Kansas, and were brought to railroad hospitals in St. Louis, where they died. The number killed by railroad trains in St. Louis is considerably less than 50. This fact emphasizes the large death rate of street railways.

The condition of the City Morgue calls for immediate attention. It is antiquated and inadequate in its facilities for the storage of bodies, and it is in need of repairs to insure the safety of the living under its roof. The Morgue is not merely an exhibition place for the bodies of unknown dead. In its ice boxes there are at all times from four to ten corpses of known, identified persons awaiting removal by undertakers. If a person meets a violent death, or dies suddenly on the street, his body is first moved to the Morgue, no matter how distinquished he may have been in life. The corpse is placed in a large box, half filled with ice, and perhaps side by side with the remains of the unfortunates. The lack of facilities necessitates this. There are three ice boxes, each of which holds two bodies of ordinary size. This limits the storage capacity to six bodies and any received beyond that number are placed on slabs. There should be means for properly storing at least 30 to 40 bodies.

The ice-box method of storing bodies at the St. Louis Morgue was long ago discarded by even second-class cities. Many cities have large refrigerators with individual compartments. These refrigerators are cooled with ice, but the bodies do not come in contact with the ice. In the St. Louis Morgue the bodies lie upon the ice, the most primitive method of preserving bodies. Cities like New York have morgue refrigerators which are cooled by means of ammonium pipes, operated in connection with municipal engine rooms. This is as perfect a means of preservation of bodies as is now known, and it is believed to be the most economical.

During the World's Fair many visitors will die here in the natural course of events. Their bodies should not be left to decay in a morgue that is an eye-sore to St. Louis.

I hope to see an appropriation allowed for the installation of a suitable refrigerator and the reconstruction of the floors at the Morgue.

Long after the bodies of unknown persons are buried in Potter's Field, persons call at the Morgue to identify them. Positive recognition from description of the body, and view of the clothes, is difficult, if not impossible. I have therefore inaugurated a system of photographing the bodies of unknown persons and have instituted a more thorough plan of identification according to the Bertillon method. I have started a gallery of the unidentified dead. This has already been productive of good results and I am convinced that many more will follow.

Attached are statistical tables which are self-explanatory.

NUMBER OF INQUESTS HELD DURING THE YEAR ENDING MARCH 31, 1901.

TABLE "A."	Accidents.	Homicides.	Suicides.	Unknown.	Legal Execution.	Floating.	Premature Births.	Still Born.	Without Medical Attendance.	Total.	White.	Colored.	Total.	Male.	Female.	Total.	Single.	Married.	Widowed.	Unknown.	Total.
Apr. 1900	27	4	8	2	0	2	5	1	51	100	79	21	100	71	29	100	45	35	12	8	100
May, 1900	26	17	11	5	1	4	3	0	38	105	89	16	105	81	24	105	49	38	17	1	105
June, 1900	24	20	15	3	0	3	1	1	38	105	88	17	105	78	27	105	54	38	10	3	105
July, 1900	39	7	14	2	0	3	3	1	34	103	83	20	103	72	31	103	59	35	8	1	103
Aug. 1900	36	9	9	2	0	1	3	0	47	107	91	16	107	80	27	107	49	41	17	0	107
Sept. 1900	38	7	12	2	0	2	3	0	36	100	87	13	100	70	30	100	45	42	9	4	100
Oct. 1900	30	10	11	0	0	1	3	1	39	95	78	17	95	66	29	95	48	32	13	2	95
Nov. 1900	31	8	10	3	0	2	8	0	33	95	86	9	95	64	31	95	45	29	13	8	95
Dec. 1900	37	7	12	2	0	0	4	0	42	104	95	9	104	77	27	104	53	37	10	4	104
Jan. 1901	26	11	4	0	0	1	2	0	60	104	86	18	104	74	30	104	40	37	20	7	104
Feb. 1901	21	10	10	1	0	0	1	4	49	96	80	16	96	68	28	96	53	37	5	1	96
Mar. 1901	25	4	11	0	0	0	0	0	57	97	78	19	97	67	30	97	58	26	11	2	97
Total	360	114	127	22	1	19	36	8	524	1211	1020	191	1211	868	343	1211	598	427	145	41	1211

NATIVITY OF PERSONS UPON WHOSE BODIES INQUESTS WERE HELD DURING THE YEAR ENDING MARCH 31ST, 1901.

TABLE "B."	Accidents.	Without Medical Attendance.	Homicides.	Suicides.	Premature Births.	Unknown.	Still Born.	Floating.	Legal Execution.	Total.
United States	252	344	83	69	36	0	8	5	1	798
Germany	30	73	13	36	0	0	0	0	0	152
Ireland	27	36	4	3	0	0	0	0	0	70
Unknown	20	35	12	6	0	22	0	14	0	109
England	3	8	1	3	0	0	0	0	0	15
Switzerland	5	1	0	3	0	0	0	0	0	9
Bohemia	1	0	0	0	0	0	0	0	0	1
Scotland	0	5	0	0	0	0	0	0	0	5
Italy	4	2	0	1	0	0	0	0	0	7
Sweden	0	1	0	2	0	0	0	0	0	3
China	0	1	0	0	0	0	0	0	0	1
Austria	3	3	0	1	0	0	0	0	0	7
Canada	6	3	0	2	0	0	0	0	0	11
France	1	5	0	0	0	0	0	0	0	6
Russia	2	1	1	0	0	0	0	0	0	4
Holland	2	1	0	0	0	0	0	0	0	3
Norway	1	1	0	0	0	0	0	0	0	2
Denmark	1	1	0	0	0	0	0	0	0	2
Finland	0	1	0	0	0	0	0	0	0	1
Belgium	1	0	0	0	0	0	0	0	0	1
Roumania	1	0	0	0	0	0	0	0	0	1
Saxony	0	1	0	1	0	0	0	0	0	2
Poland	0	1	0	0	0	0	0	0	0	1
Total	360	524	114	127	36	22	8	19	1	1211

AGES OF PERSONS UPON WHOSE BODIES INQUESTS WERE HELD DURING THE YEAR ENDING MARCH 31, 1901.

TABLE "C."	Years.	1900.								1901.			Total.
		April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	
Under	5	8	12	16	8	11	8	13	12	12	15	18	17	150
Between	5 and 10	1	3	2	3	3	4	4	2	3	2	4	5	36
"	10 and 20	4	8	12	10	8	5	15	4	5	2	13	9	95
"	20 and 30	15	18	20	19	19	19	14	12	18	15	14	10	193
"	30 and 40	11	26	18	13	12	19	13	13	14	16	13	14	182
"	40 and 50	16	6	14	20	17	18	6	17	13	16	6	9	158
"	50 and 60	19	15	11	12	14	12	14	10	15	13	16	15	166
"	60 and 70	9	10	7	3	13	7	8	4	11	10	6	10	98
"	70 and 80	5	4	1	3	6	1	4	7	5	7	2	2	47
Over	80	1	1	1	2	2	1	1	1	0	2	2	3	17
Unknown		11	2	3	10	2	6	3	13	8	6	2	3	69
Total		100	105	105	103	107	100	93	95	104	104	96	97	1,211

TABLE D.— SUICIDES.

SEX, RACE, SOCIAL CONDITION, AGE AND NATIVITY OF PERSONS UPON WHOSE BODIES INQUESTS WERE HELD DURING THE YEAR ENDING MARCH 31ST, 1901.

SEX.

Male	95
Female	82
Total	127
White	123
Colored	4
Total	127

SOCIAL CONDITION.

Single	42
Married	74
Widowed	8
Unknown	3
Total	127

AGE.

From 10 to 20 years	8	From 70 to 80 years	2
From 20 to 30 years	36	Over 80 years	0
From 30 to 40 years	29	Unknown	2
From 40 to 50 years	14	Total	127
From 50 to 60 years	26		
From 60 to 70 years	10		

NATIVITY.

United States	69	Canada	2
Germany	36	Sweden	2
Ireland	3	Italy	1
Unknown	6	Saxony	1
England	3	Total	127
Switzerland	3		
Austria	1		

OCCUPATION.

None	24	Machinist	1	Merchant	3
Unknown	8	Brewer	1	Salesman	4
Laborer	15	Cattleman	1	Shoemaker	4
Conductor	1	Grocer	1	Motorman	1
Carpenter	4	Butcher	1	Waiter	1
Clerk	5	Bartender	1	Yardman	1
Printer	2	Baker	2	Mill hand	1
Saddler	2	Telephone Operator	1	Switchman	1
Seamstress	2	Mate	1	Tailor	1
Porter	1	Agent	1	Fireman	2

OCCUPATION.—*Continued.*

Tinner	1	Maid	1	Gas Fitter	1
Barber	1	Mason	1	Whipmaker	1
Whitener	1	Hostler	1	Saleslady	1
Bookkeeper	5	Housework	8	Coachman	1
Watchmaker	1	Moulder	1	Brushmaker	1
Teamster	4	Attendant (Hosp.)	1		
Farmer	1	Painter	1	Total	127

MEANS OF DESTROYING LIFE.

Gunshot wound	36	Asphyxiated	2
Carbolic acid	23	Rough on Rats	1
Morphine Poisoning	13	Concussion of brain	1
Hanging	13	Opium poison	1
Drowning	10	Nitric acid	1
Shock and injuries	5	Hydrochloric acid	1
Arsenic Poisoning	5	Muriatic poison	1
Stab wounds	5	Strychnine	1
Unknown poisoning	3		
Paris green	3	Total	127
Chloroform	2		

SUICIDES DURING EACH MONTH FOR THE YEAR ENDING MARCH 31, 1901.

April,	1900	8	November,	1900	10
May,	"	11	December,	"	12
June,	"	15	January,	1901	4
July,	"	14	February	"	10
August,	"	9	March	"	11
September,	"	12			
October,	"	11	Total		127

TABLE E.—HOMICIDES.

SEX, RACE, SOCIAL CONDITION, AGE AND NATIVITY OF PERSONS UPON WHOSE BODIES INQUESTS WERE HELD DURING THE YEAR ENDING MARCH 31, 1901.

SEX.

Male	98
Female	16
Total	114
White	78
Colored	36
Total	114

SOCIAL CONDITION.

Single	60
Married	45
Widowed	6
Unknown	3
Total	114

AGE.

From 5 to 10 years	1	From 50 to 60 years	3
" 10 " 20 "	16	" 60 " 70 "	6
" 20 " 30 "	59	" 70 " 80 "	2
" 30 " 40 "	18		
" 40 " 50 "	9	Total	114

NATIVITY.

United States	83	Russia	1
Germany	13	England	1
Ireland	4		
Unknown	12	Total	114

OCCUPATION.

Laborer	32	Barber	2	Schoolboy	1
Teamster	8	Locksmith	1	Bricklayer	3
Housekeeper	5	Pipeworker	1	Unknown	6
Shoemaker	4	Laundress	2	Painter	1
Porter	10	Motorman	2	Cook	1
Machinist	1	Factory girl	1	Carpenter	2
Horseshoer	2	Boot black	1	Watchman	1

OCCUPATION.—*Continued.*

Riverman	1	Stone cutter	1	Tailor	3
Whitener	1	None	8	Gardener	1
Gripman	1	Restaurant keeper	1	Bartender	3
Officer	2	Huckster	1		
Superintendent	1	Tinner	1	Total	114
Fireman	1	Insurance agent	1		

MEANS AND WEAPONS USED FOR TAKING LIFE.

Gunshot wound	44	Congestion of brain	2
Gunshot, chest	21	Hemorrhage of brain	2
Gunshot, abdomen	17	Septicaemia	2
Stab wound	12	Hemorrhage	2
Shock and injuries	4	Apoplexy	1
Septic peritonitis	4		
Fracture of skull	3	Total	114

HOMICIDES DURING EACH MONTH FOR THE YEAR ENDING MARCH 31, 1901.

1900.		November	8
April	4	December	7
May	17	1901.	
June	20	January	11
July	7	February	10
August	9	March	4
September	7		
October	10	Total	114

TABLE F.—ACCIDENTS.

SEX, RACE, SOCIAL CONDITION, AGE AND NATIVITY OF PERSONS UPON WHOSE BODIES INQUESTS WERE HELD DURING THE YEAR ENDING MARCH, 31, 1901.

SEX.

Male	284
Female	76
Total	360
White	338
Colored	22
Total	360

SOCIAL CONDITION.

Single	194
Married	132
Widowed	28
Unknown	6
Total	360

AGES.

Under 5 years	48	From 60 to 70 years	27
From 5 to 10 years	19	From 70 to 80 years	9
From 10 to 20 years	40	Over 80 years	6
From 20 to 30 years	58	Unknown	7
From 30 to 40 years	63		
From 40 to 50 years	55	Total	360
From 50 to 60 years	28		

NATIVITY.

United States	252	Roumania	1
Germany	30	Belgium	1
Ireland	27	Holland	2
Unknown	20	Denmark	1
England	3	Bohemia	1
Switzerland	5	Norway	1
Austria	3	Russia	2
Canada	6		
Italy	4	Total	360
France	1		

OCCUPATION.

None	116	Bartender	2	Iron worker	1
Laborer	81	Foreman	2	Stone cutter	1
Unknown	18	Blacksmith	2	Farmer	1
Schoolboy	13	Conductor	2	Inspector	1
Teamster	12	Cigar maker	2	Waiter	1
Housework	7	Washerwoman	2	Insurance agent	1
Clerk	7	Agent	2	Gardener	1
Salesman	6	Paperhanger	2	Bookbinder	1
Engineer	5	Miner	2	Tailor	1
Tinner	5	Brewer	1	Printer	1
Brakeman	5	Gas fitter	1	Collector	1
Porter	5	Lithographer	1	Railroad official	1
Fireman	4	Paper carrier	1	Hostler	1
Peddler	4	Candy maker	1	Mill hand	1
Machinist	4	Iceman	1	Milliner	1
Carpenter	4	Shoemaker	1	Music teacher	1
Watchman	4	Bricklayer	1	Upholsterer	1
Housewife	4	Oilman	1	Solicitor	1
Domestic	3	Mason	1	Steam fitter	1
Lineman	3	Plasterer	1	Bridge builder	1
Painter	3	Physician	1	Messenger	1
Police Officers	3	Electric conductor	1	Laundress	1
Switchman	3	Elevator boy	1		
Cooper	3	Baker	1	Total	360
Plumber	2	Motorman	1		

MOST COMMON SOURCES.

TABLE F.

		Street Railways.	Steam Railways.	Burns.	Gunshot Wounds.	Elevator.	Miscellaneous.	Total.
1900.	April	3	4	9	2	2	7	27
	May	4	3	3	1	1	14	26
	June	3	2	6	2	0	11	24
	July	6	4	4	10	2	13	39
	August	9	3	2	1	1	20	36
	September	9	3	3	5	3	15	38
	October	6	9	4	4	0	7	30
	November	6	6	5	0	2	12	31
	December	8	5	6	2	3	12	37
1901.	January	4	7	4	0	0	11	26
	February	4	3	2	0	2	10	21
	March	8	1	1	2	0	13	25
	Total	71	50	49	29	16	145	360

CAUSE.

Shock and injuries	173	Septicaemia	1
Burns	42	Opium poison	1
Fracture of skull	19	Lye poison	1
Drowning	31	Abortion	1
Tetanus	17	Nephritis	1
Concussion of brain	9	Erysipelas	1
Suffocation	9	Phthisis	1
Gunshot wound	13	Crushed	1
Morphine poisoning	5	Uraemia	1
Peritonitis	5	Stab wound	1
Electric shock	4	Dislocated neck	1

CAUSE.—*Continued.*

Traumatic pneumonia	3	Compression of brain	1
Pneumonia	3	Alcoholism	1
Fracture of thigh	2	Morphine sulphate	1
Comp. fracture of skull	2	Blood poison	1
Belladonna poison	2	Carbolic acid	1
Gasoline poison	2		
Hemorrhage	2	Total	360
Gastritis	1		

ACCIDENTS FOR EACH MONTH DURING THE YEAR ENDING MARCH 31ST, 1901.

1900.		November	31
April	27	December	37
May	26	1901.	
June	24	January	26
July	39	February	21
August	36	March	25
September	38		
October	30		360

TABLE G.—WITHOUT MEDICAL ATTENDANCE.

SEX, RACE, SOCIAL CONDITION, AGE AND NATIVITY OF PERSONS UPON WHOSE BODIES INQUESTS WERE HELD DURING THE YEAR ENDING MARCH 31, 1901.

SEX.

Male	337
Female	187
Total	524
White	411
Colored	113
Total	524

SOCIAL CONDITION.

Single	247
Married	164
Widowed	103
Unknown	10
Total	524

AGE.

Under 5 years	53	From 60 to 70 years	55
From 5 to 10 years	16	From 70 to 80 years	34
From 10 to 20 years	31	Over 80 years	11
From 20 to 30 years	89	Unknown	28
From 30 to 40 years	71		
From 40 to 50 years	78	Total	524
From 50 to 60 years	108		

NATIVITY.

United States	344	Sweden	1
Germany	73	China	1
Ireland	36	Russia	1
Unknown	35	Holland	1
England	8	Poland	1
Scotland	5	Norway	1
France	5	Denmark	1
Canada	3	Finland	1
Austria	3	Saxony	1
Italy	2		
Switzerland	1	Total	524

OCCUPATION.

None	198	Physician	2	City weigher	1
Laborer	91	Machinist	2	Coal man	1
Housewife	18	Coachman	2	Capitalist	1
Unknown	21	Motorman	2	Cigar maker	1
Housework	14	Plumber	2	Brassworker	1
Housekeeper	11	Merchant	2	Agent	1
Laundress	9	Contractor	2	Tinner	1

OCCUPATION.—*Continued.*

Farmer	9	Boilermaker	2	Stonemason	1
Bartender	7	Switchman	2	Decorator	1
Porter	6	Solicitor	2	Lawyer	1
Railroadman	5	Janitor	2	Baker	1
Cook	5	Carriage driver	2	Inspector	1
Clerk	5	Bookkeeper	2	Whitener	1
Peddler	5	Foreman	1	Conductor	1
Teamster	5	Watchman	1	Real estate agent	1
Salesman	5	Barber	1	Boat mate	1
Blacksmith	5	Dairyman	1	Theatrical manager	1
Engineer	5	Ironworker	1	Moulder	1
Cooper	4	Shoemaker	1	Superintendent	1
Sewing girl	4	Exercise boy	1	Cabin boy	1
Printer	3	Preacher	1	Tobacco worker	1
Painter	3	Banker	1	Harness maker	1
Bricklayer	3	Upholsterer	1	Coppersmith	1
Shoemaker	3	Plasterer	1	Horse trader	1
Woodworker	3	Storekeeper	1	Gunsmith	1
Carpenter	3	Gas fitter	1		
Servant	3	Lunch stand keeper	1	Total	524
Grocer	2	Hostler	1		
Tailor	2	Collector	1		

CAUSE.

Valvular disease of heart	64	Hemorrhage	4
Pneumonia	41	Pericarditis	2
Nephritis	35	Grip pneumonia	2
Phthisis	33	Infantile convulsions	2
Apoplexy	45	Phthisis pulmonalis	2
Inanition	17	Rhumatism	2
Bronchitis	15	Unknown	2
Tuberculosis	14	Haemoptysis	2
Alcholism	9	Rachitis	2
Convulsions	8	Exposure	2
Senile debility	29	Chronic bronchitis	2
Cerebral hemorrhage	8	Dysentery	2
Mitral insufficiency	7	Typhoid fever	2
Angina pectoris	7	Aortic stenosis	2
Uraemia	7	Ptomaine poison	2
Heat prostration	6	Tetanus	2
Septicaemia	6	Enteritis	2
Asthma	6	Tubercular pulmonalis	2
Peritonitis	6	Rupture of Aorta	1
Acute gastritis	6	Cerebral convulsions	1
Cirrhosis	5	Mitral Regurgitation	1
Insolation	5	Endocarditis	2
Dentitis	5	Vicarious menstruation	1
Gastro enteritis	5	Congestion of lungs	1
Congenital debility	5	Vericella	1
Diptheria	5	Appendicitis	1
Consumption	5	Anaemia	1
Cholera infantum	6	Diabetes	1
Strangulated hernia	4	Congestion	1
Senilissis	3	Tumor	1
Malaria	3	Myocarditis	1
Congestion of brain	3	Aneurism	1
Syphilis	3	Dropsy	1
Diarrhoea	3	Rupture of heart	1
Epilepsy	3	Aortic regurgitation	1
Meningitis	3	Paralysis	1
Marasmus	3	Convulsion (enteritis)	
Rupture of aneurism	3	Fracture of neck	1
LaGrippe	3	Hemorrhage of lungs	1
Trismus neanatorum	5	Bronchial pneumonia	1

CAUSE.—*Continued.*

Tubercolosis enteritis	1	Tubercular bronchitis	1
Pulmonary emphysema	1	Obstruction of bowels	1
Menopause	1	Periencephalitis	1
Catarrhal enteritis	1	Infantile debility	1
Tuberculosis of kidney	1	Fatty degeneration of heart	1
Carcinoma of back	1	Typhoid pneumonia	1
Aneurism of aorta	1		
Fracture of skull	1	Total	524

WITHOUT MEDICAL ATTENDANCE FOR EACH MONTH DURING THE YEAR ENDING MARCH 31, 1901.

April	51	November	33
May	38	December	42
June	38	January	60
July	34	February	49
August	47	March	57
September	36		
October	39	Total	524

COMPARISON OF NUMBER OF INQUESTS HELD DURING THE YEAR ENDING MARCH 31, 1900, AND MARCH 31, 1901.

TABLE "H."	Accidents.	Without Medical Attendance.	Floating.	Homicides.	Premature Births.	Still Born.	Suicides.	Human Bones.	Unknown.	Legal Execution.	Total.
Year ending March 31, 1900	348	518	17	87	39	12	124	6	0	1	1,152
Year ending March 31, 1901	360	524	19	114	36	8	127	0	22	1	1,211
Increase	12	6	2	27			3		22		
Decrease					3	4		6			
Total Increase											59

Respectfully submitted,

ROBT. M. FUNKHOUSER,
Coroner.

JOHN T. FITZSIMMONS,
Deputy Coroner.

FRANK BOOGHER, M. D.,
Deputy Coroner.

LOUIS KUNZ, *Clerk.*

ANNUAL REPORT

OF THE

JURY COMMISSIONER,

For the Fiscal Year ending September 30, 1901.

OFFICE OF JURY COMMISSIONER, COURT HOUSE,
ST. LOUIS, October 1st, 1901.

To the Honorable Judges of the Circuit Court, City of St. Louis:

The Jury Commissioner respectfully submits the following report for your consideration:—

During the year ending September 30th, 1901, as appears by the records of this office, there was drawn for jury service in the several Circuit Courts, the Probate Court and the Court of Criminal Correction, respectively, the number of jurors shown on the following list. Said list also shows the number of jurors who actually served in each of the said courts during the said year, and the amount paid for jury service in said courts, respectively. Following the list of petit jurors there is also a list of the grand jurors drawn and the special jurors drawn for service in the several Circuit Courts:—

	No. of Juries.	No. of Jurors Drawn.	No. of Jurors Served.	Amount Paid.
Circuit Court No. 1	21	735	420	$ 2,221 50
" " " 2	22	780	452	2,119 00
" " " 3	22	795	404	2,164 00
" " " 4	19	665	402	2,294 50
" " " 5	23	805	491	2,257 50
" " " 6	21	735	433	2,128 50
" " " 7	20	700	386	1,921 50
" " " 8	37	3,725	1,924	10,980 00
" " " 9	38	3,600	1,814	10,025 00
Total	223	12,740	6,726	$36,111 50
Grand Jury	5	180	61	2,455 00
Court of Criminal Correction	10	820	449	1,260 00
Probate Court	8	237	167	342 00
	23	1,237	677	$ 4,057 00
Special Jurors.				
Circuit Court No. 1	28	980	168	
" " " 2	17	605	96	
" " " 3	8	310	72	
" " " 4	21	735	180	
" " " 5	16	560	132	
" " " 6	16	560	156	
" " " 7	14	490	108	
" " " 8	11	590	60	
" " " 9	3	150	36	
Court of Criminal Correction	10	500	36	
	144	5,480	1,040	
Grand Total	390	19,457	8,443	$40,168 50

Under the law it becomes the duty of the Jury Commissioner to make a canvass of the City of St. Louis for the purpose of making a new jury list for the ensuing two years. Accordingly, on the 1st day of May, 1901, sixty-five (65) temporary deputies were appointed by the Jury Commissioner and confirmed by the Honorable Judges of the Circuit Court, to make such canvass and to secure the names of all male persons residing in the City of St. Louis qualified and subject to jury duty.

For the convenience of a thorough canvass of the city, the entire territory was divided into six hundred and fifty-four (654) districts, embracing from one to ten blocks each, and the temporary deputies were assigned to the several districts and instructed as to their duty. The work was begun on the morning of the 1st day of May, 1901.

When the canvass was completed the whole list was examined by the Jury Commissioner, and out of the whole list, thirty-nine thousand five hundred and ninety-three (39,593) names were selected as subject to and qualified for jury duty. The names so selected were then arranged alphabetically and copied in the seven jury register books as the jury list for the ensuing two years. These names were then written upon the jury ballots, each ballot containing the name and number on the jury register of one person subject to jury duty, and these ballots placed in the jury wheel on the 30th day of September, 1901.

After the completion of these registers and list, the Jury Commissioner gave the notice required by Sect. 26, Article 21, Appendex to the Revised Statutes, State of Missouri. Said notice was published for one week, commencing September 1st, 1901, in each of the following newspapers: Globe-Democrat, Post-Dispatch and Die Westliche Post, in accordance with the order of the Court in General Term.

The notice stated that the jury register was ready and open for inspection, and notified all persons who had legal claims for exemption from jury service to present reasonable proof thereof at this office within twenty days. Under said notice there were presented to the undersigned, sixteen (16) claims for exemption, fifteen (15) of which were allowed and one (1) disallowed, as shown on the following list:—

Defective hearing	6	Attorney at law	1
Physical disability	4	Incompetent	1
National Guards	3	Total claims allowed	15

Claims for exemption classified as follows were presented but not allowed:—

Non-resident	1

The expenses of the office during the period covered by this report were as follows:—

SALARIES.

PERMANENT FORCE.

George P. Weinbrenner, Jury Commissioner, $2,500.00.

	Days.	Rate.	Amount
H. G. Ellis, Chief Dep.	312	$5 00	$1,560 00
G. B. Drown	312	4 00	1,248 00
J. J. Winter	312	4 00	1,248 00
C. C. Engel	312	4 00	1,248 00
J. B. Padfield	312	$4 00	$1,248 00
Total permanent force			$6,552 00

TEMPORARY DEPUTIES.

	Days.	Rate.	Amount		Days.	Rate.	Amount.
T. L. Anderson	34	$4 00	$ 136 00	W. T. Jones	39	$4 00	$156 00
E. D. Andrews	11½	4 00	47 00	H. A. Kersting	14	4 00	56 00
J. H. Arnold	55½	4 00	221 00	K. Kimmel	28½	4 00	114 50
J. B. Austin	49	4 00	196 00	C. A. Kinkel	53	4 00	212 00
O. C. Backof	39½	4 00	157 00	W. J. C. Klokke	38½	4 00	154 00
H. A. Baker	32½	4 00	129 00	W. Kuehl	42½	4 00	168 50
E. H. Bickley	53½	4 00	214 00	H. W. Leonard	38½	4 00	154 50
D. Bigge	69½	4 00	278 00	B. C. Lindsay	13	4 00	52 00
T. R. Bland	37½	4 00	151 00	W. H. Ludwig	54½	4 00	218 00
W. L. Bohnenkamp	29	4 00	116 00	S. B. McPheeters	49½	4 00	198 00
J. E. Bowcock	14½	4 00	57 00	H. H. Oberschelp	72½	4 00	291 00
C. E. Burg	27½	4 00	107 00	G. R. Pohlmann	3	4 00	12 00
M. E. Burke	38½	4 00	155 50	E. A. Raithel	28½	4 00	113 00
W. B. Carson	11½	4 00	46 00	D. W. Robert	34	4 00	136 00
C. T. Case	50½	4 00	201 00	E. N. Robinson	34½	4 00	138 00
R. E. Cave	47½	4 00	191 00	H. Rosskopf	25½	4 00	100 50
M. R. Conkling	54½	4 00	218 00	A. H. Roudebush	54½	4 00	219 50
J. D. Dalton	37½	4 00	150 00	M. Ruler	57½	4 00	229 00
W. R. Dalton	49½	4 00	199 00	W. P. Sherry	48½	4 00	195 50
A. Digby	47	4 00	188 00	M. A. Seward	39½	4 00	158 00
P. Dillon	36½	4 00	145 00	C. Shaw	59½	4 00	239 00
H. M. Dungan	37½	4 00	151 50	O. H. Sidener	37½	4 00	150 50
R. D. Ellis	45½	4 00	182 00	C. A. Smith	37	4 00	148 00
H. T. Ferriss	31½	4 00	126 50	W. A. Taylor	39½	4 00	158 00
G. N. Fickeissen	1¾	4 00	7 00	A. W. Tyler	32½	4 00	130 00
L. D. Goodman	32	4 00	128 00	J. R. VanSlyke	53	4 00	212 00
E. Grossman	39	4 00	156 00	F. L. Van de Vere	28	4 00	112 00
R. S. Harbison	38½	4 00	155 00	D. W. Voyles	24½	4 00	99 50
G. D. Harris	49½	4 00	190 50	W. Wehrenbrecht	34½	4 00	137 00
W. D. Harris	35	4 00	140 00	C. G. Weinbrenner	75½	4 00	302 00
M. Hartman	61½	4 00	246 50	T. Williams	37½	4 00	151 00
A. E. Hausman	48½	4 00	192 50				
W. Hilkerbaumer	49½	4 00	194 00	Total temporary force			$10,098 00

Total salaries paid Permanent Force	$ 9,052 00
Total salaries paid Temporary Force	10,098 00
Total Salaries	$19,150 00

FOR OFFICE SUPPLIES.

1900.				
Oct.	12.	Buxton & Skinner Stationery Co.		
		500 Envelopes	$ 1 25	
		24 Pkgs. Blotters	1 50	
		1 Rubber Stamp	20	$ 2 95
Oct.	15.	Buxton & Skinner Stationery Co.		
		2 Boxes Carbon Paper	10 00	10 00
Nov.	1.	Bell Telephone Co.		
		Telephone service, Nov. 1, 1900, to Feb. 1, 1901	31 25	31 25
Nov.	1.	Woodward & Tiernan Printing Co.		
		1000 Special Jury Blanks	10 00	10 00
Dec.	8.	Kinloch Telephone Co.		
		Service, Oct. 1, to Dec. 31	18 00	18 00
1901.				
Jan.	2.	Kinloch Telephone Co.		
		Service, Jan. 1, to March 31	18 00	18 00
Jan.	8.	Woodward & Tiernan Printing Co.		
		2 Typewriter Ribbons	1 50	
		2 Stamp Pads	30	
		1 Gross Pens	75	2 55
Feb.	1.	Bell Telephone Co.		
		Service, Feb. 1, to May 1	31 25	31 25
Feb.	2.	Woodward & Tiernan Printing Co.		
		1 Doz. Desk Blotters	50	
		1 Bottle Carter's Ink	75	1 25

Mar. 5.	Woodward & Tiernan Printing Co.			
	500 No. 2 McGill Fasteners	$ 75		
	1 lb. Challenge Eyelets	4 00	$ 4 75	
Mar. 19.	Saml. F. Myerson Printing Co.			
	1000 Linen Jury Blanks	18 00	18 00	
April 9.	Woodward & Tiernan Printing Co.			
	150 2c. Stamps	3 00	3 00	
April 11.	Gould Directory Co.			
	4 City Directories, 1901	24 00	24 00	
April 16.	J. C. Miller.			
	Repairing Desk	75	75	
April 26.	Lammert Furniture Co.			
	3 Plain Tables	4 35	4 35	
April 27.	Phoenix Pl. Mill Co.			
	3 Filing Frames 18 Racks	18 00	18 00	
May 1.	Bell Telephone Co.			
	Service May 1, to Aug 1	31 25	31 25	
May 2.	Saml. F. Meyerson Printing Co.			
	500 Letter Heads	3 75		
	500 White Envelopes	2 25		
	100 Commissions for Deputies	6 00		
	120,000 Canvassers Blanks	193 80		
	1,000 District Descriptions	4 00		
	100 Postal Cards (printed)	2 50	211 80	
May 1.	Woodward & Tiernan Prtg. Co.			
	1 Record Book	4 50		
	2 Doz. Pkgs. Blotters	1 00		
	1 Ream Typewriter Paper	1 75		
	2 Qts. Stafford's Ink	1 20		
	60 Canvasser's Boards	9 75		
	1 lb. No. 33 Rubber Bands	2 25		
	1 Doz. Faber's Blue Pencils	60		
	2 Doz. Faber's No. 2 Pencils	1 00		
	1-4 Gross Package Bands, No. 107	1 50	23 55	
May 31.	Saml. F. Myerson Printing Co.			
	20,000 Canvassers Blanks	32 00	32 00	
July 1.	Kinloch Telephone Co.			
	Service, April 1, to Sept. 30	36 00	36 00	
July 8.	Saml. F. Meyerson Printing Co.			
	7 Jury Register Books	97 50	97 50	
July 22.	Con. P. Curran Printing Co.			
	45,000 Jury Ballots	16 00	16 00	
Aug. 1.	Bell Telephone Co.			
	Service, Aug. 1, to Nov. 1	31 25	31 20	
Sept. 1.	St. Louis Globe-Democrat.			
	Jury Exemption Notice	18 00	18 05	
Sept. 1.	St. Louis Post-Dispatch.			
	Jury Exemption Notice	18 90	18 90	
Sept. 1.	Die Westliche-Post.			
	Jury Exemption Notice	14 00	14 00	
Sept. 5.	Buxton & Skinner Stationery Co.			
	2 Gross 048 Pens	90		
	1 Gross 109 Pens	1 50		
	1 Gross 312 Pens	75		
	2 1-2 Doz. Pkgs. Blotters	5 00		
	2 Doz. Faber's Pencils	1 20		
	1 lb. Rubber Bands	2 25		
	1 Qt. Carter's Ink	75		

1 Qt. Stafford's Ink		$ 60	
6 No. 293 Ink Stands		10 50	
1000 Half Cap Tabs		5 50	
1 Ream Typewriter Paper		1 50	
2 Typewriter Ribbons		2 00	
1 Gross No. 128 Est. Pens		75	$ 33 20
Total Office Supplies			$ 761 55
Total Salaries			19,150 00
Total Expenditures			$19,911 55

Respectfully submitted,

GEORGE P. WEINBRENNER,

Jury Commissioner.

ANNUAL REPORT

OF THE

Chief of the Fire Department,

For the Fiscal Year 1900-1901.

MAY 1st, 1901.

Honorable Rolla Wells, Mayor, City of St. Louis:

SIR — I have the honor to herewith submit for your consideration, the annual report of this department for the fiscal year, 1900–1901.

Herein will be found detailed statements of the expenditures, the total loss by fire, loss to insurance companies, amount of insurance involved and the value of property involved.

EXPENSE.

The total expense for the year was, $665,317.36; this amount includes salaries, the purchase of one steam fire engine, 33 horses, 23,500 feet 2 1-2 inch cotton rubber lined hose, 2,000 feet 3-4 inch rubber chemical hose, 235 feet 4 inch suction hose, 80 feet 3 1-2 inch suction hose, 110 feet 3 1-2 inch cotton rubber lined hose and 5 deluge or siamese sets. The sum of $867.24 was turned over for the sale of condemned and unserviceable property.

FIRE STATISTICS.

The total loss by fire for the year amounted to $1,092,901.00, a decrease of $587,432.00 over last year; the loss paid by the insurance companies amounted to $945,837.00, a decrease of $650,587.00 over last year. The insurance involved amounted to $7,483,065.00 and the value of the property involved amounted to $10,386,135.00. During the year the department responded to 1,983 alarms, of these 111 were false.

FORCE OF DEPARTMENT.

Chief of Department	1
First Assistant Chief	1
District Assistant Chiefs	8
Secretary	1
Assistant Secretary	1
Foremen	53
Assistant Foremen	50
Engineers	38
Firemen of engines	38
Drivers	91
Pipemen	100
Laddermen	70
Fuel wagonmen	17
Watchmen	37

Making a total force of 12 officers and 494 men, divided into fifty-three companies, as follows: —

Engine Companies	38
Hose Company	1
Hook and Ladder Truck Companies	12
Water Tower Companies	2

Each of the thirty-seven houses in commission have one night watchman.

APPARATUS IN SERVICE.

Steam fire engines	38
Double capacity hose wagons	4
Combination hose wagon and chemical engine with deck pipe attachment	1
Combination hose wagons and chemical engines	12
Combination hose reels and chemical engines	13
Ordinary hose reels	9
Hook and Ladder Trucks (aerial)	6
Hook and Ladder Trucks (City service)	6
Water Towers	2
Fuel wagons	9
Light spring wagon	1
Hauling wagons	8
Officers' wagons	12

All hook and ladder trucks are thoroughly equipped with pompier belts, ladders, life-saving nets, pike poles, hand fire extinguishers, axes, shovels, pitchforks, ropes, siamese connections, etc.

APPARATUS IN RESERVE.

Steam fire engines	8
Double tank, chemical engine	1
Hose reels (ordinary)	11
Hook and Ladder Trucks (aerial)	1
Hook and Ladder Trucks (City service)	2
Officers' wagons	6

HOSE IN SERVICE.

¾ inch rubber chemical	feet	3,450
1 inch rubber chemical	"	5,550
2½ inch cotton rubber lined	"	73,700
2½ inch rubber	"	6,400
3 inch cotton rubber lined	"	5,100
3½ inch cotton rubber lined	"	180

HOSE UNFIT FOR SERVICE.

2½-inch rubber	feet	6,600
2½-inch cotton rubber lined	"	6,400

HORSES.

There are 235 horses in the service, the majority being in excellent condition.

HOUSES.

There are thirty-seven houses being used by the department, thirty-six of which are owned by the City and one owned by private parties. Thirty-five are built of brick and stone, and two of frame. With few exceptions they are in good condition.

DISCIPLINE.

The discipline has been maintained during the year and I compliment the officers and men on their willingness and the intelligent manner in which they execute all orders issued by me.

During the year it was found necessary to impose fines to the amount of $520.00, while various members lost 104 days' pay under suspension.

It was also found necessary for the good of the service to make changes, as follows:—

Promotions	23
Reductions	19
Transfers	53
Dismissals	11
Resigned	6

ACCIDENTS.

During the year accidents occurred to various members while in the discharge of their duties, as follows: —

Slight, 53; severe, 23; serious, 8; and fatal, 2.

DEATHS.

Six deaths occurred during the year, as follows: —

George Siebert, driver engine company No. 15, was killed May 11th, 1900, while responding to an alarm of fire, by colliding with the railroad gate at Broadway and Poplar street. He became a member of the department June 5th, 1895.

Thomas Colgan, watchman engine company No. 9, died June 30th, of general debility. He became a member of the Department, June 11th, 1890.

James Carten, watchman engine company No. 32, died July 1st, 1900, of general debility. He became a member of the department, September 14th, 1857.

Frederick C. Reimler, driver of engine company No. 8, died August 27th, 1900, of consumption. He became a member of the department, May, 1893.

John F. O'Brien, foreman engine company No. 4, died September 21, 1900, from injuries received by falling from a ladder while in the discharge of his duties September 20th.

He became a member of the Department August 10, 1883.

John C. Wagner, assistant foreman engine company No. 3, died from the effects of poison January 10, 1901. He became a member of the department April 24, 1882.

RECOMMENDATIONS.

I have for years recommended that all engine and truck companies be increased by the addition of two men each; by so doing the efficiency of the department will be greatly increased.

In view of the sale of engine house No. 6 located at Seventh and Olive streets and the ordinance removing it south of its present location, thereby vacating the most important station in the city, I would respectfully recommend the erection of an engine house in the vicinity of Twelfth street and Washington avenue, for the protection of the wholesale dry goods district.

I would again respectfully recommend the erection of houses in the following vicinities: —

Ninth and Buchanan streets, Maryland and Taylor avenues.

Ninth and Soulard streets, St. Louis and Grand avenues, and truck house in the rear of engine house No. 27.

I would respectfully call your attention to the necessity of a storage house for reserve apparatus, supplies, hose, etc. The city owns a lot of ground adjoining engine house No. 32, Twentieth and Washington avenue, which is suitable for this purpose. The department secured enough building material from the old city hospital to erect a suitable building, which could be done at a very small expense.

I would also respectfully call to your attention, the violation of the laws governing fire escapes. It is safe to say that not 25 per cent of the buildings subject to the law are equipped with fire escapes and not 15 per cent of the schools, convents, hospitals and hotels.

All of the above recommendations are absolutely necessary for the further efficiency of this department and I respectfully urge that they be adopted.

I have the honor to be,

Very respectfully,

C. E. SWINGLEY,

Chief of Fire Department.

ORGANIZATION OF THE FIRE DEPARTMENT.

OFFICERS:

CHARLES E. SWINGLEY,

Chief of Department.

AUGUST THIERRY.....First Asst. Chief.
B. E. SWINGLEY.....Secretary.
A. T. LANGE.....Asst. Secretary.
ANDREW COUGHLIN.....Asst. Chief Commanding First Dist.
WM. BUSCH.....Asst. Chief Commanding Second Dist.
THOS. HAINES.....Asst. Chief Commanding Third Dist.
HENRY C. SHOCKEY.....Asst. Chief Commanding Fourth Dist.
WM. F. HILLENKOETTER.....Asst. Chief Commanding Fifth Dist.
THOS. W. RUCKER.....Asst. Chief Commanding Sixth Dist.
JOHN F. BARRY.....Asst. Chief Commanding Seventh Dist.
BENJ. FATH.....Asst. Chief Commanding Eighth Dist.

ENGINE COMPANY 1.

McNair near Gravois Avenue.

NAME.	POSITION.	RESIDENCE.
J. A. McCullough	Foreman	2706 S. Eleventh st.
M. Maloney	Asst. Foreman	2812½ Wisconsin av
G. Kaltenthaler	Engineer	2220 S. Twelfth st.
E. Johnson	Fireman	2115 Shenandoah st.
J. Kendall	Driver	1951 Penn st.
W. Ellenberger	Driver	2926 Michigan av.
F. Sattel	Pipeman	2810 S. Eighteenth st.
C. H. Schmidt	Pipeman	3108 S. Ninth st.
Wm. Meany	Watchman	1418 Grattan st.

ENGINE COMPANY 2.

129 W. Kraus Street.

NAME.	POSITION.	RESIDENCE.
A. R. Tayon	Foreman	6629 S. Seventh st.
E. Devine	Asst. Foreman	7102 Minnesota av.
H. Westerman	Engineer	6904 Michigan av.
M. Ward	Fireman	6633 Minnesota av.
W. Connors	Driver	216 Quincy st.
P. Conway	Driver	7003 Pennsylvania av.
P. Franey	Pipeman	5509 S. Sixth st.
R. Bebee	Pipeman	6718 Virginia av.
E. Murphy	Watchman	7208 Pennsylvania av.

ENGINE COMPANY 3.

3648 S. Broadway.

NAME.	POSITION.	RESIDENCE.
G. R. Wolf	Foreman	3509 Cass av.
G. Fey	Asst. Foreman	3324 Salena st.
W. Toner	Engineer	3625 Missouri av.
S. Harke	Fireman	2120 Stansberry st.
F. Doering	Driver	3535 Second st.
L. Gelzheuser	Driver	3448 Texas av.
A. Hause	Pipeman	3601½ S. Jefferson.
F. Wagner	Pipeman	3617 Iowa.
R. White	Watchman	

ENGINE COMPANY 4.

22nd and Wash Streets.

NAME.	POSITION.	RESIDENCE.
M. J. Brennan	Foreman	2701 Wash st.
B. E. Shively	Asst. Foreman	3162 Easton av.
M. J. O'Brien	Engineer	1438 N. Twenty-fourth st.
J. Backof	Fireman	2109 Wash st.
J. M. Sullivan	Driver	
T. Finegan	Driver	4518 N. Nineteenth st.
F. Reedy	Pipeman	2714 Dickson st.
F. Doerr	Pipeman	1623 Wash st.
C. J. Clima	Pipeman	1827 S. Fourteenth st.
O. Buckman	Watchman	1416 Kingshighway.

ENGINE COMPANY 5.

22nd and North Market Streets.

NAME.	POSITION.	RESIDENCE.
G. Gundeker	Foreman	2825 Madison st.
A. Altman	Asst. Foreman	2802 Gamble st.
E. Hogan	Engineer	3013 Vine Grove av.
I. Butler	Fireman	2828 N. Twenty-first st.
E. Dempsey	Driver	4315 St. Louis av.
C. Schaubusch	Driver	2213 Benton st.
W. Voss	Pipeman	2245 Warren st.
J. Vahle	Pipeman	2400 N. Twenty-second st.
W. McCaw	Watchman	2743 Madison st.

ENGINE COMPANY 6.

216 N. Seventh Street.

NAME.	POSITION.	RESIDENCE.
T. Fitzpatrick	Foreman	1117 N. Nineteenth st.
J. O'Brien	Asst. Foreman	2900 Gamble st.
P. McCarthy	Engineer	2819 Sheridan av.
J. Klein	Fireman	1627 Carroll st.
J. Collier	Driver	1330 N. Nineteenth st.
R. Russell	Driver	3401 Walnut st.
G. Hammer	Pipeman	1108 Montgomery st.
A. Ennis	Pipeman	3226 Vista av.
A. Davis	Pipeman	2023 S. Ninth st.
J. Finnerty	Watchman	2319 La Salle st.

ENGINE COMPANY 7.

1304 S. Eighteenth Street.

NAME.	POSITION.	RESIDENCE.
M. J. Lyons	Foreman	4207 Castleman av.
C. Eckert	Asst. Foreman	2232 Hickory st.
J. Utley	Engineer	4119 Shenandoah av.
M. Hanley	Fireman	2923 Shenandoah av.
J. Kennedy	Driver	1808 Kennett Pl.
C. T. Miller	Driver	3124 Gratiot st.
T. O'Connor	Pipeman	1525 Vail Pl.
A. H. Lanham	Pipeman	201 S. Leffingwell av.
F. Dunsford	Pipeman	3011 Rutger st.
C. C. Tilton	Watchman	1427 Grattan st.

ENGINE COMPANY 8.

1501 Salisbury Street.

NAME.	POSITION.	RESIDENCE.
G. R. Allers	Foreman	3927 N. Twenty-first st.
G. Broomfield	Asst. Foreman	2737 Howard st.
J. Fisher	Engineer	3940 N. Twentieth st.
P. Mallon	Fireman	4154 Pleasant st.
F. Luke	Driver	3824 Blair av.
P. Simpson	Driver	3926 N. Twenty-first st.
P. Powers	Pipeman	1121 Newhouse av.
J. J. Christopher	Pipeman	1418 Farrar st.
W. Kamper	Watchman	4403 N. Twentieth st.

ENGINE COMPANY 9.

Eighth and Mullanphy Streets.

NAME.	POSITION.	RESIDENCE.
J. Israel	Foreman	2813 Blair av.
M. Doran	Asst. Foreman	1118 Spruce st.
P. Lynch	Engineer	1217 Monroe st.
P. Doyle	Fireman	1518 Elliot av.
J. L. Miller	Driver	2953 Montgomery st.
E. F. McGregor	Driver	1107 Hebert st.
J. P. Sheeran	Pipeman	1606 Knapp st.
A. H. W. Pashedag	Pipeman	2220 Mullanphy st.
W. Woolley	Pipeman	1410 Madison st.
J. L. Churchill	Watchman	820 Tyler av.

ENGINE COMPANY 10.

Jefferson Avenue and Walnut Street.

NAME.	POSITION.	RESIDENCE.
G. W. Hall	Foreman	3017 Lawton av.
J. M. McDonald	Asst. Foreman	2709 Shenandoah av.
P. Cleary	Engineer	3023 Lawton av.
J. Quinn	Fireman	3505 Clark av.
B. King	Driver	116 S. Beaumont st.
E. J. Freimuth	Driver	3519 Clark av.
G. J. Berg	Pipeman	3452 Missouri av.
F. Rieth	Pipeman	2120 Dolman st.
W. H. Mehrkens	Pipeman	1827 S. Eighth st.
)	Watchman	2925 Clark av.

ENGINE COMPANY 11.

Bismarck and Barton Streets.

NAME.	POSITION.	RESIDENCE.
J. Judge	Foreman	2009 Penn st.
E. Ogan	Asst. Foreman	3335 S. Seventh st.
A. Ott	Engineer	325 St. George st.
W. L. Fader	Fireman	3739 S. Jefferson av.
F. Balz	Driver	2410 S. Third st.
L. Schreiner	Driver	2815 McNair av.
J. Karb	Pipeman	2416 S. Thirteenth st.
T. Bermbrier	Pipeman	405 Lami st.
W. J. Horstmeyer	Watchman	3619 Missouri av.

ENGINE COMPANY 12.

816 N. Seventh Street.

NAME.	POSITION.	RESIDENCE.
H. T. Bridge	Foreman	4324 Blair av.
P. Bergin	Asst. Foreman	4202 Farlin av.
H. Budde	Engineer	4246 Easton av.
W. Burns	Fireman	1109 S. Twelfth st.
J. Haley	Driver	4428 N. Market st.
J. Horey	Driver	3729 Page av.
J. H. Horn	Pipeman	3373 S. Kingshighway.
C. H. Krenning	Pipeman	3924 N. Twentieth st.
R. A. Haines	Pipeman	1808 Rutger st.
H. Bohanon	Watchman	724 Shenandoah av.

ENGINE COMPANY 13.

1015 N. Eleventh Street.

NAME.	POSITION.	RESIDENCE.
W. Wand	Foreman	3801 N. Twenty-fifth st.
J. Ferris	Asst. Foreman	2505 Coleman st.
A. Crouch	Engineer	1013 Mound st.
W. Pilgrim	Fireman	2123 Florissant av.
P. Kilcullen	Driver	2420 Cass av.
J. Barrett	Driver	3919 Evans av.
W. Schuster	Pipeman	1805 N. Eighteenth.
E. L. Alt	Pipeman	1019 Hickory st.
H. Reitz	Pipeman	2025 Wash st.
D. Duffy	Watchman	2719 Thomas st.

ENGINE COMPANY 14.

1424 Market Street.

NAME.	POSITION.	RESIDENCE.
T. J. Lynch	Foreman	930 Hickory st.
F. Gummels	Asst. Foreman	3450 Oregon av.
J. Hartwig	Engineer	2264 Missouri av.
A. Forest	Fireman	2429 Laflin st.
C. McDonagh	Driver	1416 Union boul.
W. B. Findlay	Driver	315 S. Twenty-third st.
C. Horst	Pipeman	2266 Missouri av.
H. O. Schulz	Pipeman	1114 S. Eighth st.
C. Westenhof	Pipeman	1820 Elliot av.
J. Fitzgerald	Watchman	7 N. Fifteenth st.

ENGINE COMPANY 15.

415 S. Broadway.

NAME.	POSITION.	RESIDENCE.
M. J. Tierney	Foreman	1611 Helen st.
T. F. Kelley	Asst. Foreman	1819 Elliot av.
J. Butler	Engineer	909 S. Ninth st.
F. Ebmeyer	Fireman	1116 N. Ninth st.
P. H. Kloppinger	Driver	106 Russell av.
H. Leeser	Driver	1126 St. Louis av.
G. Ost	Pipeman	2230 Keokuk st.
M. E. Kane	Pipeman	6073 Maple av.
H. J. Lohse	Pipeman	7617 S. Broadway.
G. Schoppe	Watchman	2215 S. Third st.

ENGINE COMPANY 16.

1337 S. Broadway.

NAME.	POSITION.	RESIDENCE.
W. Benninger	Foreman	1929 Wyoming st.
J. J. Schweiger	Asst. Foreman	406 S. Third st.
B. Brueggeman	Engineer	1419 S. Tenth st.
L. Firmbach	Fireman	3327 Missouri av.
J. H. Heidenry	Driver	1222 Park av.
E. B. Stanley	Driver	613 Rutger st.
A. F. Gray	Pipeman	1226 S. Eighth st.
W. J. Heister	Pipeman	1506 S. Twelfth st.
D. Lang	Pipeman	3318 Cherokee st.
J. P. McCarty	Watchman	3824 Page av.

ENGINE COMPANY 17.

3220 Easton Avenue.

NAME.	POSITION.	RESIDENCE.
P. Ahearn	Foreman	3864 Page av.
W. Gleason	Asst. Foreman	1725 Coleman st.
H. Saesselein	Engineer	222 Carr st.
C. A. Crowley	Fireman	1701 Bacon st.
J. Brannigan	Driver	
R. J. O'Neil	Driver	1900 Laflin st.
J. J. Flood	Pipeman	3814 Laclede av.
J. J. Irwin	Pipeman	2820 Franklin av.
A. Wirth	Watchman	2709 St. Vincent av.

ENGINE COMPANY 18.

816 N. Seventh Street.

NAME.	POSITION.	RESIDENCE.
W. J. Garvin	Foreman	3552 Texas av.
D. W. Steele	Asst. Foreman	2502 N. Eleventh st.
J. Latty	Engineer	5044 Easton av.
C. G. Clayton	Fireman	2820 Thomas st.
F. L. Smith	Driver	1602 Helen st.
James Green	Driver	1802 Olive st.
John Sweeney	Pipeman	638 Tower Grove av.
James Wren	Pipeman	2724 Thomas st.
Geo. L. Funck, Jr.	Pipeman	1706 S. Twelfth st.

ENGINE COMPANY 19.

1120 St. Louis Avenue.

NAME.	POSITION.	RESIDENCE.
J. H. Hellenkoetter	Foreman	1407 Wright st.
Frank Israel	Asst. Foreman	1506 St. Louis av.
N. F. Lyons	Engineer	2712 N. Thirteenth st.
C. D. Shepard	Fireman	1118 Montgomery st.
J. J. Doyle	Driver	1117 St. Louis av.
M. Horning	Driver	2703 N. Twelfth st.
C. F. Reichman	Pipeman	2823 St. Louis av.
L. Berger	Pipeman	2008 Hebert st.
J. A. King	Watchman	4051 Maffitt av.

ENGINE COMPANY 20.

4551 N. Broadway.

NAME.	POSITION.	RESIDENCE.
H. Keener	Foreman	1104 Bissell st.
J. Klug	Asst. Foreman	5316 Conde st.
F. Ebmeyer	Engineer	4030 N. Twentieth st.
Vacancy	Fireman	
H. Hovel	Driver	4330 College av.
J. J. Hade	Driver	4545 N. Broadway.
E. Preiss	Pipeman	4200 N. Eleventh st.
J. C. Ernst	Pipeman	1128 Newhouse av.
M. Keenoy	Watchman	1518 N. Ninth st.

ENGINE COMPANY 21.

3417 Manchester Avenue.

NAME.	POSITION.	RESIDENCE.
A. Brandenburg	Foreman	415 Garrison av.
W. Hoey	Asst. Foreman	3412 Walnut st.
J. W. Sanford	Engineer	3748 Olive st.
C. Paffhausen	Fireman	1809 N. Market st.
P. O'Brien	Driver	1800 N. Leffingwell av.
P. Scannell	Driver	4219 Vista av.
W. Schulze	Pipeman	2911 Manchester av.
D. Rowe	Pipeman	3035 Clark av.
J. S. Skinner	Watchman	3035 Clark av.

ENGINE COMPANY 22.

116 Plum Street.

NAME.	POSITION.	RESIDENCE.
L. J. Joerder	Foreman	2823 Caroline st.
E. Green	Asst. Foreman	2213 N. Ninth st.
W. Murphy	Engineer	1606 Helen st.
W. E. McManus	Fireman	3201 Morgan st.
J. Hammore	Driver	624 S. Second st.
F. L. Leich	Driver	1418 S. Seventh st.
H. Kern	Pipeman	1120 S. Ninth st.
F. F. Geise	Pipeman	147 St. George st.
W. Mayer	Pipeman	510 N. Leonard av.
R. Ufen	Watchman	3129 California av.

ENGINE COMPANY 23.

508 N. Third Street.

NAME.	POSITION.	RESIDENCE.
E. F. McDonald	Foreman	2716 Clark av.
J. Detwiler	Asst. Foreman	1314 Hickory st.
W. H. Marquis	Engineer	2223 N. Tenth st.
A. C. Schaefer	Fireman	2509 N. Tenth st.
F. Fahey	Driver	403 Cerre st.
T. Wolff	Driver	1146 Leonard av.
J. Vantilberg	Pipeman	910 Morgan st.
J. Weigel	Pipeman	1638½ Helen st.
F. Hanstette	Pipeman	4126 Peck st.
J. E. O'Brien	Watchman	2211 Mullanphy st.

ENGINE COMPANY 24.

1214 Spruce Street.

NAME.	POSITION.	RESIDENCE.
J. F. O'Donnell	Foreman	913 N. Jefferson av.
R. A. Young	Asst. Foreman	4239 Blaine av.
J. Collins	Engineer	1821 Belle Glade av.
L. McFarland	Fireman	2704 Dickson st.
J. Clark	Driver	1121 S. Thirteenth st.
J. F. Belrose	Driver	1802 S. Eighteenth st.
C. Trube	Pipeman	1935 Carr st.
J. H. Reemts	Pipeman	1726 S. Fourteenth st.
W. P. Guion	Pipeman	939 Hickory st.
F. W. Kossman	Watchman	3928 Louisiana av.

ENGINE COMPANY 25.

Sixteenth and Mullanphy Streets.

NAME.	POSITION.	RESIDENCE.
J. Sayers	Foreman	4218 Margaretta av.
H. Krueger	Asst. Foreman	2204 Sullivan av.
T. Shea	Engineer	1900 Coleman st.
J. A. Cuolahan	Fireman	4414 N. Market st.
M. McNamara	Driver	3798 Lucky st.
A. Wiese	Driver	1942 Hebert st.
C. B. Schnell	Pipeman	2854 St. Louis av.
F. W. Kansteiner	Pipeman	2013 Alice av.
W. J. Ryan	Pipeman	1513 Biddle st.
J. McCormack	Watchman	3425 Manchester av.

ENGINE COMPANY 26.

2100 N. Second Street.

NAME.	POSITION.	RESIDENCE.
H. Klunk	Foreman	922 Benton st.
M. Kehoe	Asst. Foreman	3946 Lincoln av.
J. A. Warden	Engineer	2128 Carr st.
J. Dowling	Fireman	2703 N. Twelfth st.
J. Reidmeyer	Driver	4339 College av.
H. W. Dodding	Driver	3950 N. Ninth st.
L. L. Green	Pipeman	818 Clinton st.
C. Hug	Pipeman	2120 N. Ninth st.
A. Sheridan	Watchman	4143 Pleasant st.

ENGINE COMPANY 27.

4571 Easton Avenue.

NAME.	POSITION.	RESIDENCE.
C. H. King	Foreman	4565 Easton av.
E. Mulick	Asst. Foreman	4554 Garfield av.
R. C. Wolf	Engineer	3132 Bantner pl.
J. W. O'Shea	Fireman	1315 Belt av.
J. J. Heeney	Driver	1120 N. Jefferson av.
C. Sivadie	Driver	4801 Hummett pl.
J. F. King	Pipeman	5325 Patton av.
J. Malloy	Pipeman	4531 Lucky st.
S. E. Hull	Watchman	4453 St. Ferdinand av.

ENGINE COMPANY 28.

3934 Morgan Street.

NAME.	POSITION.	RESIDENCE.
P. R. Smith	Foreman	3645 Cass av.
M. Reardon	Asst. Foreman	2226 Cass av.
J. C. Gray	Engineer	518 N. Sarah st.
J. R Smith	Fireman	3947 Fairfax av.
M. Ernig	Driver	1391 Belt av.
F. Parina	Driver	1937 Biddle st.
F. Wolbrinck	Pipeman	3725 Hebert st.
W. Cameron	Pipeman	1213 Walton av.
J. A. Rice	Watchman	2743 Madison st.

ENGINE COMPANY 29.

1219 Old Manchester Road.

NAME.	POSITION.	RESIDENCE.
D. Preiss	Foreman	4149 Castleman av.
J. Kelly	Asst. Foreman	4216 Norfolk av.
G. W. Geasland	Engineer	4330 Vista av.
J. Volk	Fireman	4311 Manchester av.
J. Hame	Driver	1313 Boyle av.
D. Maloney	Driver	4344 Manchester av.
L. Tijon	Pipeman	1135 Talmage av.
J. J. Wynn	Pipeman	3832 Laclede av.
W. H. Smith	Watchman	3949 Juniata st.

ENGINE COMPANY 30.

5516 Vernon Avenue.

NAME.	POSITION.	RESIDENCE.
M. Touhey	Foreman	4956 Easton av.
J. Callihan	Asst. Foreman	1324 Bayard av.
D. Goodfellow	Engineer	5516 Vernon av.
W. Ward	Fireman	1447 Hodiamont av.
P. J. Stanton	Driver	1117 Hodiamont av.
C. F. Ofenstein	Driver	5868 Easton av.
B. Jewell	Pipeman	1219 Bayard av.
F. B. Arrow	Pipeman	6116 Plymouth av.
J. Beggs	Watchman	1216 West End av.

ENGINE COMPANY 31.

NAME.	POSITION.	RESIDENCE.
M. E. Turey	Foreman	1800 Elliot av.
F. Wagner	Asst. Foreman	4504 N. Nineteenth st.
W. Sederberg	Engineer	1432 O'Bear av.
O. Smith	Fireman	3912 Lincoln av.
J. Welch	Driver	3955 Lincoln av.
Vacancy	Driver	
T. Sullivan	Pipeman	4027 Kossuth av.
D. W. McCarthy	Pipeman	6016 Horton pl.
J. Neihaus	Watchman	4162 Pleasant st.

ENGINE COMPANY 32.

2000 Washington Avenue.

NAME.	POSITION.	RESIDENCE.
A. B. Salmon	Foreman	1460 Francis st.
W. H. Dreher	Asst. Foreman	2405 Prairie.
L. J. Guitar	Engineer	2744 Allen av.
J. B. Owens	Fireman	Engine House.
J. F. O'Brien	Driver	1310 Newstead av.
H. A. Meyer	Driver	3924 Lucky st.
M. Tiernan	Pipeman	2103 Wash st.
H. Godejohann	Pipeman	2350 Rutger st.
T. W. Stack	Pipeman	Engine House.
P. Williams	Watchman	4162 Warne av.

ENGINE COMPANY 33.

Park and Louisiana Avenues.

NAME.	POSITION.	RESIDENCE.
A. Drain	Foreman	3649 Cleveland av.
J. Warden	Asst. Foreman	3786 Evans av.
P. Hested	Engineer	3320 Park av.
A. J. Learmont	Fireman	3459 Park av.
H. Burleigh	Driver	3141 Caroline st.
J. Sexton	Driver	2330 Arkansas av.
J. Figge	Pipeman	3318 St. Vincent av.
L. McConn	Pipeman	3821 Park av.
J. Hennessey	Watchman	2128 Adam st.

ENGINE COMPANY 34.

Broadway and Hurck.

NAME.	POSITION.	RESIDENCE.
D. Minahan	Foreman	8417 S. Broadway.
G. Werges	Asst. Foreman	2225 Indiana av.
S. Buchanan	Engineer	3445 S. Jefferson av.
S. Little	Fireman	402 West Davis st.
J. Morrison	Driver	8415 S. Broadway.
J. Schneider	Driver	6105 S. Sixth st.
F. Zimmerman	Pipeman	2849 Salena st.
J. W. Conrad	Pipeman	6805 S. Broadway.
A. Newman	Watchman	8505 S. Minnesota av.

ENGINE COMPANY 35.

Sublette and Arsenal.

NAME.	POSITION.	RESIDENCE.
J. W. Adams	Foreman	2556 Juniata st.
J. Gartenbach	Asst. Foreman	5453 Arsenal st.
I. Altstadt	Engineer	5332 Reber pl.
W. Cain	Fireman	5431 Manchester rd.
T. Weaver	Driver	5363 Arsenal st.
J. G. Byrnes	Driver	5814 Manchester rd.
J. Mulroy	Pipeman	5611 Manchester rd.
W. Thomas	Pipeman	5098 Arsenal st.
J. E. Carroll	Watchman	4974 Odell av.

ENGINE COMPANY 36.

Union and Cote Brilliante Avenues.

NAME.	POSITION.	RESIDENCE.
A. Bowers	Foreman	5337 Easton av.
J. Green	Acting Asst. Foreman	5216 Cote Brilliante.
J. Early	Driver	5080 Wells av.
W. Thornhill	Pipeman	5046 Easton av.
T. P. Mestemacher	Pipeman	1614 Burd av.
W. West	Watchman	4569 Easton av.

ENGINE COMPANY 37.

Halls Ferry Road and Broadway.

NAME.	POSITION.	RESIDENCE.
F. J. Frankel	Foreman	1802 N. Leffingwell av.
J. Mitchell	Asst. Foreman	819 Dowling pl.
H. Bruining	Engineer	404 N. Twentieth st.
C. Wigge	Fireman	717 Baden av.
B. W. Weizel	Driver	2025 Penrose st.
J. T. Ryan	Driver	3953 N. Eleventh st.
E. J. Schlessinger	Pipeman	2035 Alice av.
P. Buckley	Pipeman	3642 Lucky st.
C. Brooks	Watchman	2211 Sullivan av.

ENGINE COMPANY 38.

3500 S. Grand Avenue.

NAME.	POSITION.	RESIDENCE.
C. Alt	Foreman	3529 S. Grand av.
B. J. Will	Asst. Foreman	4440 S. Thirteenth st.
J. A. Hines	Engineer	2334 Walnut st.
A. Alt	Fireman	1204 Allen av.
W. Scherf	Driver	3345 Indiana av.
F. G. Bohley	Driver	3510 Hartford st.
O. Kratz	Pipeman	2908 Cherokee st.
O. Pelloux	Pipeman	3321 Itaska av.
E. Schneider	Watchman	3012 Pennsylvania av.

ENGINE COMPANY 39.

415 S. Broadway.

NAME.	POSITION.	RESIDENCE.
D. O'Connell	Foreman	2814 S. Ninth st.
J. Angela	Asst. Foreman	1120 S. Ninth st.
A. Bayers	Engineer	2613 Adams st.
H. Ost	Fireman	3227 S. Seventh st.
C. Clark	Driver	2703 Bernard st.
M. A. Colonna	Driver	306 S. Fourteenth st.
G. F. Bucker	Pipeman	3109 Bell av.
W. H. Flowers	Pipeman	310 S. Fourth st.
W. A. McKenzie	Pipeman	1614 Olive st.

HOOK AND LADDER COMPANY 1.

McNair and Gravois.

NAME.	POSITION.	RESIDENCE.
C. Zellar	Fireman	2785 Armand st.
W. Morgan	Asst. Fireman	4258 Humphrey st.
W. J. Williamson	Driver	3120 Pennsylvania av.
S. Chapman	Ladderman	2431 McNair av.
H. Barth	Ladderman	2836 Indiana av.
W. F. Hahn	Ladderman	2910 Missouri av.
B. Kellar	Ladderman	1009 Allen av.
A. Weber	Ladderman	3620 S. Broadway.

HOOK AND LADDER COMPANY 2.

2402 N. Twenty-second Street.

NAME.	POSITION.	RESIDENCE.
J. J. Howard	Foreman	2016 Division st.
P. Collins	Asst. Foreman	3900 Lincoln av.
G. Herr	Driver	4447 Greer av.
P. Larkin	Ladderman	1711 Monroe st.
J. Cronan	Ladderman	1802 N. Jefferson av.
R. Burke	Ladderman	2506 N. Twenty-second st.
H. F. Krenning	Ladderman	2824 Sullivan av.
L. J. Schlagel	Ladderman	2206 Mullanphy st.

HOOK AND LADDER COMPANY 3.

216 N. Seventh Street.

NAME.	POSITION.	RESIDENCE.
C. K. Holland	Foreman	3522 Clark av.
F. A. Placke	Asst. Foreman	1415 Francis st.
W. Howe	Driver	3160 School st.
J. Devine	Ladderman	3833 Lincoln av.
C. Toussaint, Jr	Ladderman	2628 Caroline st.
F. E. Henderson	Ladderman	4121 Olive st.
W. H. Schwedd	Ladderman	3326 Klem st.
O. Schulz	Ladderman	3728 Lucky st.
F. F. Kussman	Ladderman	5378 Easton av.
L. Henne	Ladderman	3135 Iowa av.

HOOK AND LADDER COMPANY 4.

417 S. Broadway.

NAME.	POSITION.	RESIDENCE.
W. G. Panzer	Foreman	Engine House.
P. Well	Asst. Foreman	1044 Lafayette av.
R. Vollker	Driver	2107 Salisbury st.
Vacancy	Ladderman	
J. J. Gilfoil	Ladderman	Engine House.
W. F. Brenkmeyer	Ladderman	1910 Dodier st.
F. Boelling	Ladderman	1204 Allen av.
P. S. Lanham	Ladderman	3828 Laclede av.
J. Ogulin	Ladderman	2869 S. Seventh st.
A. Schnurmacher	Ladderman	Engine House.

HOOK AND LADDER COMPANY 5.

3417 Manchester Avenue.

NAME.	POSITION.	RESIDENCE.
J. T. Boland	Foreman	3521 Clark av.
A. Ruschenberg	Asst. Foreman	2954 Clark av.
F. Schaeffer	Driver	3510 Hartford st.
J. E. Trefz	Ladderman	1319 Prairie av.
Vacancy	Ladderman	
E. McCarty	Ladderman	3407 Manchester av.
D. J. Conroy	Ladderman	3028 Thomas st.
F. M. Pearse	Ladderman	3801 Manchester av.

HOOK AND LADDER COMPANY 6.

510 N. Third Street.

NAME.	POSITION.	RESIDENCE.
G. Monahan	Foreman	2718 St. Louis av.
A. Hartman	Asst Foreman	2859 S. Seventh st.
A. Kirk	Driver	1524 Olive st.
H. Juelg	Ladderman	3831 Indiana av.
J. A. Adams	Ladderman	3834 Laclede av.
O. Olsen	Ladderman	1522 Franklin av.
O. Wehmeyer	Ladderman	1408 N. Market st.
J. Finn	Ladderman	2217 Mullanphy st.
G. E. Henseik	Ladderman	1719 N. Market st.
C. Molloth	Ladderman	616 S. Third st.

HOOK AND LADDER COMPANY 7.

Eighth and Mullanphy.

NAME.	POSITION.	RESIDENCE.
D. Ebelmesser	Foreman	2519 Mullanphy st.
J. C. Roehl	Asst. Foreman	1084 Hickory st.
H. Smith	Driver	2939 Sherman pl.
M. Hanlon	Ladderman	2202 N. Tenth st.
P. F. Murphy	Ladderman	2422 Elliot av.
W. Juelich	Ladderman	3186 Alfred av.
G. Hardesty	Ladderman	2832 N. Twenty-first st.
G. F. Brasse	Ladderman	1505 Palm st.
W. D. Fisher, Jr	Ladderman	1516½ N. Eleventh st.
L. E. Ott	Ladderman	325 St. George st.

HOOK AND LADDER COMPANY 8.

NAME.	POSITION.	RESIDENCE.
A. P. Christie	Foreman	1115 Leonard av.
B. F. Letson	Asst. Foreman	2831 Arlington av.
J. J. O'Brien	Driver	2824 Park av.
P. Buttermore	Ladderman	3609 Cozzens av.
F. McBride	Ladderman	4648 W. Belle av.
W. P. Teson	Ladderman	3618 Cozzens av.
P. Winters	Ladderman	1134 Kentucky av.
D. Deering	Ladderman	2518 Coleman st.
W. Heitz	Ladderman	4049 Kossuth av.
H. J. Miller	Ladderman	3539 Morganford rd.

HOOK AND LADDER COMPANY 9.

3934 Morgan street.

NAME.	POSITION.	RESIDENCE.
R. R. Punshon	Foreman	4257 Garfield av.
C. W. Corry	Asst. Foreman	3938 Morgan st.
J. F. Maloney	Driver	3869 Page av.
R. Thornhill	Ladderman	3409 Manchester av.
T. Manion	Ladderman	3802 Finney av.
M. McCormack	Ladderman	5905 Kensington av.
P. Conway	Ladderman	1911 Coleman st.
P. Shea	Ladderman	3016 Thomas st.

HOOK AND LADDER COMPANY 10.

Sublette and Arsenal.

NAME.	POSITION.	RESIDENCE.
J. Finnegan	Foreman	4933 Arsenal st.
F. H. Kolker	Asst. Foreman	5647 Reber pl.
W. Curran	Driver	5528 Magnolia av.
E. P. McEnany	Ladderman	5367 Arsenal st.
H. Batz	Ladderman	2211 Shenandoah av.
M. Yates	Ladderman	3120 Portis av.
T. Callehan	Ladderman	1318 S. Eighth st.
D. Small	Ladderman	5051 Arsenal st.

HOOK AND LADDER COMPANY 11.

131 W. Kraus Street.

NAME.	POSITION.	RESIDENCE.
L. Baumgartner	Foreman	528 W. Poepping st.
J. P. Koeln	Asst. Foreman	7409 Pennsylvania av.
M. Dundon	Driver	6711 Minnesota av.
W. J. Coan	Ladderman	209 W. Schirmer st.
W. Mahoney	Ladderman	7303 S. Sixth st.
T. Shields	Ladderman	7821 Minnesota av.
J. Buckley	Ladderman	6708 Pennsylvania av.
E. Schultz	Ladderman	7823 Pennsylvania av.

HOOK AND LADDER COMPANY 12.

4551 N. Broadway.

NAME.	POSITION.	RESIDENCE.
T. J. Farrell	Foreman	826 S. Eighth st.
D. M. Kelly	Asst. Foreman	4418 N. Twentieth st.
C. McCarty	Driver	4217 Prairie av.
T. J. Wehmeyer	Ladderman	4053 Finney av.
J. E. Bowman	Ladderman	3411 N. Eleventh st.
J. Ammon	Ladderman	4551 N. Broadway.
L. H. Bleikamp	Ladderman	1824 N. Eighteenth st.
G. T. Smith	Ladderman	1110 Gano av.

WATER TOWER 1.

2000 Washington Avenue.

NAME.	POSITION.	RESIDENCE.
C. Heidenry	Foreman	4429 Cote Brilliante av.
W. Hawkins	Driver	2826 Adams st.
G. A. Kinderman	Pipeman	2921 Sheridan av.
C. Phillips	Pipeman	1008 Cass av.

WATER TOWER 2.

510 N. Third Street.

NAME.	POSITION.	RESIDENCE.
F. Cudmore	Foreman	2825 Pine st.
J. Brushek	Driver	2939 Montgomery st.
N. Mansfield	Pipeman	2739 Howard st.
E. C. Laven	Pipeman	3028 Cass av.

FUEL WAGON 1.

Located at Engine House 21.

NAME.	RESIDENCE.	NAME.	RESIDENCE.
M. Dufour	3607 Manchester av.	J. Hines	3508 Clark av.

FUEL WAGON 2.

Located at Engine House 22.

NAME.	RESIDENCE.	NAME.	RESIDENCE.
N. Schultz	1016 Morrison av.	F. Fitzgerald	1225 Grattan st.

FUEL WAGON 3.

Located at Engine House 5.

NAME.	RESIDENCE.	NAME.	RESIDENCE.
J. Shea	2244 Warren st.	H. Bergman	2238 N. Market st.

FUEL WAGON 4.

Located at Engine House 3.

NAME.	RESIDENCE.	NAME.	RESIDENCE.
T. Boughtman	3734 Texas av.	G. Buettner	3629½ S. Broadway.

FUEL WAGON 5.

Located at Engine House 2.

NAME.	RESIDENCE.
M. O'Brien.	.....

FUEL WAGON 6.

Located at Engine House 28.

NAME.	RESIDENCE.	NAME.	RESIDENCE.
J. Gleason	.....	H. Maroney	2735 Stoddard st.

FUEL WAGON 7.

Located at Engine House 23.

NAME.	RESIDENCE.	NAME.	RESIDENCE.
T. Dolan	1420 Aubert av.	G. Keoneg	928 Russell av.

FUEL WAGON 8.

Located at Engine House 32.

NAME.	RESIDENCE.	NAME.	RESIDENCE.
M. Dillon	5915 Benton st.	M. O'Rourke	3231 Lawton st.

FUEL WAGON 9.

NAME.	RESIDENCE.	NAME.	RESIDENCE.
J. Busby	2136 Carr st.	A. Shay	5098 Arsenal st.

The Department is divided into eight districts, each district being under the command of an Assistant Chief, as follows:—

District.	Headquarters.	Engine Companies.	Hook & Ladder Companies.	Water Towers.	Fuel Wagons.
1	Engine House No. 23	9, 12, 13, 18, 23	6, 7	2	6, 7
2	Engine House No. 15	6, 15, 16, 22, 39	3, 4	..	2
3	Engine House No. 7	7, 10, 14, 24	....	..	....
4	Engine House No. 25	4, 5, 25, 32	2, 8	1	3, 8
5	Engine House No. 19	8, 19, 20, 26, 31, 37	12	..	....
6	Engine House No. 17	17, 27, 28, 30, 36	9	..	....
7	Engine House No. 21	21, 29, 33, 35, 38	5, 10	..	1, 9
8	Engine House No. 1	1, 2, 3, 11, 34	1, 11	..	4, 5

	Foremen.	Ass't Foremen.	Engineers.	Firemen.	Drivers.	Pipemen.	H. and L. Men.	Fuel Wagon Men.	Watchmen.	Total.
District 1	8	7	5	5	13	17	14	4	4	77
District 2	7	7	5	5	12	15	14	2	4	71
District 3	4	4	4	4	8	12	..	..	4	40
District 4	7	6	4	4	11	13	12	4	4	65
District 5	7	7	6	6	13	12	5	..	6	62
District 6	6	5	4	4	10	11	5	..	5	50
District 7	7	7	5	5	12	10	10	4	5	65
District 8	7	7	5	5	12	10	10	3	5	64
Total	53	50	38	38	91	100	70	17	37	494
Officers	..	..	..	..	..	..	..	..	..	12
Total	..	..	..	..	..	..	..	..	..	506

There are ten fuel stations, located at the following Engine Houses:—

Engine House No. 2.
Engine House No. 3.
Engine House No. 11.
Engine House No. 15.
Engine House No. 20.
Engine House No. 21.
Engine House No. 25.
Engine House No. 26.
Engine House No. 27.
Engine House No. 35.

DETAILED STATEMENT OF EXPENDITURES.

LABOR, MATERIAL AND REPAIRING BUILDINGS.

April, 1900.	B. W. Sadring	New roof on E. H. No. 28	$74 50
	W. H. Pearson	Building fence at E. H. No. 26	138 00
	John Gilmore	Sundry plumbing E. H. No. 15	220 00
	John O'Brien	One heater tank No. 32	29 50
May, 1900.	Ed. H. Rabenberg	Repairing gravel roof No. 26	9 05
	T. B. Graham	Sundry plumbing No. 5	14 68
	T. B. Graham	Sundry plumbing No. 26	14 92
	T. B. Graham	Sundry plumbing No. 36	4 01
	John Gilmore	Sundry plumbing No. 15	10 81
	Gilsonite Roofing Co	Sundry repairs No. 19	10 09
	Koken Iron Works	Alteration No. 23	493 00
	H. W. Sadring	Repairing gutters No. 28	12 00
	Valentine Fath	Cleaning and repairing gutters No. 26	30 80

May, 1900.	John O'Brien	Putting heater No. 10	$34 00
	Grimm & Doellner	Glazing No. 15	2 50
	H. W. Pearson	Repairing fence No. 17	14 21
	T. B. Graham	Sundry plumbing No. 15	4 77
	T. B. Graham	Sundry plumbing No. 30	20 48
	T. B. Graham	Sundry plumbing No. 20	8 68
	T. B. Graham	Sundry plumbing No. 16	10 13
June, 1900.	Philip Grunner L. Co	13,024 f. Y. pine lumber	181 03
	W. H. Hahn	Two rolls tar paper	2 30
	Atlantic Quarry and C. Co	Sundry repairs	4 50
	W. L. Johnson	Seven barrels cement	21 50
	T B. Graham	Sundry plumbing No. 32	3 44
	T. B. Graham	Sundry plumbing No. 10	8 00
	T. B Graham	Sundry plumbing No. 32	39 73
	H. W. Pearson	Painting fence No. 7	23 00
	Gilsonite Roofing Co.	Sundry granitoid work No. 25	1,855 15
July, 1901.	Rehels & Rolfes L. Co	5,000 ft. flooring	99 00
	Robert Paulus	Repairing roof No. 3	5 90
	Edw. H. Rabenberg	Repairing roof No. 32	22 85
	Edw. H. Rabenberg	Repairing roof No. 21	12 75
	Frank Galvin	Repairing chimney No. 5	5 85
	Valentine Fath	Repairing and cleaning gutters No. 3	8 11
	Cullen & Stock	Repairing boiler No. 20	61 86
	Joseph Wangler	Putting in water tank No. 26	58 60
	T. B. Graham	Sundry plumbing No. 10	3 70
	T. B. Graham	Sundry plumbing No. 16	16 75
Aug., 1900.	Simmons Hardware Co	20 Kegs nails	50 50
	John J. Ganahl L. Co	75 pieces of lumber	94 50
	T. B. Graham	Sundry plumbing No. 30	62 03
	T. B. Graham	Sundry plumbing No. 17	20 25
	T. B. Graham	Sundry plumbing No. 5	9 58
	T. B. Graham	Sundry plumbing No. 14	11 40
	T. B. Graham	Sundry plumbing No. 31	14 10
	R. W. Sadring	Sundry plumbing No. 5	35 00
	Valentine Fath	Sundry repairing No. 7	14 35
	Griffith Iron Works	Repairing iron doors No. 7	19 51
Sept., 1900.	R. W. Sadring	Repairing gutters, etc. No. 18	99 50
	Fidel Ganahl L. Co	5,000 ft. Y. P. lumber	275 00
	Fidel Ganahl L. Co	16 pieces lumber	37 50
Oct., 1900.	Jno. Ehrhardt	Kalsomining ceiling No. 31	5 00
	James Mullen	Sundry repairs No. 19	6 75
	Grimme & Doellner	Painting No. 2	86 25
	Edw. H. Rabenberg	Repairing roof No. 13	7 95
	Harry F. Heman	Labor and material No. 9	249 39
	John Gilmore	Furnishing bath tub No. 3	73 00
	Ferd. Theleman	New board fence No. 3	179 00
	W. Daman	Sundry repairs at No. 14	123 00
	W. Daman	Building coal shed No. 25	273 00
	T. B. Graham	Sundry plumbing No. 30	103 61
	T. B. Graham	Sundry plumbing No.	63 91
	T. B. Graham	Sundry plumbing No. 28	41 40
	T. B. Graham	Sundry plumbing No. 6 & 37	51 00
	T. B. Graham	Sundry plumbing No. 1 & 6	37 57
	T. B. Graham	Sundry plumbing No. 7	122 35
Nov., 1900.	Fidel Ganahl L. Co	5000 ft. Y. P. lumber	105 00
	Jno. Sadring	Repairing gutter and new No. 31	76 35
	Harry T. Heman	Sundry repair contract No. 9	573 61
	Jno. Gilmore	Sundry repair contract No. 9	398 55
	T. B. Graham	Sundry plumbing No. 14 and 31	14 06
	T. B. Graham	Sundry plumbing No. 27 and 28	35 23
	T. B. Graham	Sundry plumoing No. 26	78 01
	T. B. Graham	Sundry plumbing No. 20 and 31	49 24
	T. B. Graham	Sundry plumbing No. 24	11 65
	Jas. Mullen	Repairing flues and furnace No. 38	15 10

	John O'Brien.....Furnish tank No. 19	$29 00
	Phillibert & Johanning Mfg. Co.....Doors and glazing	81 00
	Edw. Rabenberg.....Repairing roof No. 27	7 50
	Jno. Sadring.....Sundry repairs No. 27	79 90
	Jas. Mullen & Son.....Repairing brick work No. 5	10 25
Dec., 1900.	John O'Brien.....Sundry repairs No. 8 and 21	127 00
	Grimme & Doellner.....Painting No. 6 and 27	29 50
	W. Damann.....Repairing doors No. 27	4 85
	Ed. Rabenberg.....Repairing roof No. 5 and 23	44 80
	Otto Hammermeister.....Repairing roof No. 11	52 50
	Robert Paulus.....Repairing stalls No. 16	21 59
	James Mullen & Son.....Repairing furnace No. 26	14 86
	John O'Brien.....1 heating tank	98 00
	Kupferle Bros. Mfg. Co.....Sundry repairs No. 6	10 99
Jan., 1901.	Simmons Hardware Co.....5 keys nails	12 50
	Fidel Ganahl.....8,000 ft. Y. P. lumber	225 00
	Edwin B. Ambler.....Repairing roof No. 10	29 00
	Edwin P. Ambler.....Repairing heater No. 23	61 15
	Excelsior Roofing Co.....Repairing roof No. 20	22 50
	Jno. E. Sadring.....Repairing gutters, etc, No. 11	65 00
	John E. Sadring. Repairing gutters and spouting No. 29	39 50
	T. B. Graham.....Sundry plumbing No. 35 and 37	27 63
	T. B. Graham.....Sundry plumbing No. 1 and 11	39 30
	T. B. Graham.....Sundry plumbing No. 19	100 67
	T. B. Graham.....Sundry plumbing No. 15	118 18
	T. B. Klusmeyer.....Glazing all Eng. houses	98 00
	W. J. Johnson.....Cement and sand	14 10
Feb. 1901.	Jas. Mullen & Son.....Repairing brick work No. 10	4 90
	Matern Mfg. Co.....Sundry repairs No. 10	1 30
	Jno. E. Sadring....Repairing gutters and spouts No. 15	42 00
	Jno. E. Sadring.....Smoke stack No. 35	4 75
	Robert Paulus.....Repairing stall No. 31	19 55
	T. B. Graham.....Sundry plumbing No. 31 and 22	12 79
	T. B. Graham.....Sundry plumbing No. 23	24 96
	T. B. Graham.....Sundry plumbing No. 8 and 27	58 71
	T. B. Graham.....Sundry plumbing No. 10 and 34	394 23
March, '01.	Valentine A. Fath.....Smoke stack No. 14	14 00
	C. Limmenkhul.....Repairing and glazing No. 38	55 78
	J. H. Vallmer.....Repairing stables No. 31	1,040 00
	J. H. Wallmer.....Repairing sewer pipe No. 31	23 00
	Fidel Ganahl.....5000 ft. 2 and 6 Y. P. lumber	99 25
	T. B. Graham.....Clean sewer pipes No. 22	18 47
	T. B. Graham.....Clean waste pipes No. 10	9 05
		$10,249 71

NEW ENGINE ACCOUNT.

Jan. 1901.	American Fire Engine Co., One first size steam fire engine	$4,700 00

DAMAGE ACCOUNT.

April 1900.	Kimpel C. & W. Co.....Repairing wagon damaged by Engine No. 10.....	$99 40
June	Missouri Pacific R. R.....Repairing gate damaged by Engine No. 29.....	2 76
July	S. Kirby.....Repairing fence damaged by Engine No. 26	6 75
Aug.	N. Scharff.....Repairing window damaged by W. T. 2	24 00
	T. O'Connor.....Repairing fence damaged by Engine 5	10 75
Nov.	F. W. Baumhof.....Repairing letter box damaged by Engine No. 28.....	3 25
		$146 91

ENGINE REPAIR ACCOUNT.

ENGINE NO. 1. — Sundry repairs.

1900.			
Apr.	F. Wagner & Son	$5	70
June	Kupferle Bros.	5	05
July	F. Wagner & Son	86	65
	Kupferle Bros	1	00
Oct.	Kupferle Bros.	25	10
	F. Wagner & Son	3	00
Nov.	Kupferle Bros.	20	30
Dec.	F. Wagner & Son.	2	00
1901.			
Feb.	Kupferle Bros.	14	80
		$163	60

ENGINE NO. 2. — Sundry repairs.

1900.			
Nov.	Kupferle Bros.	$21	95
	Jos. Wangler B. & S. I. Works	16	75
Dec.	F. Wagner & Son	21	40
	Kupferle Bros.	2	58
		$62	68

ENGINE NO. 3. — Sundry repairs.

1900.			
Apr.	P. J. Cooney	$5	00
	Kupferle Bros.	130	77
May	Kupferle Bros	6	25
June	F. Wagner & Son	160	60
	Kupferle Bros.	2	25
July	Kupferle Bros.	1	75
Aug.	J. M. Selzer		75
Sept.	Kupferle Bros.	2	50
Oct.	Kupferle Bros.	1	20
Nov.	F. Wagner & Son	10	40
Dec.	F. Wagner & Son	2	25
	Kupferle Bros.	1	50
		$352	22

ENGINE NO. 4. — Sundry repairs.

1900.			
Apr.	Kupferle Bros.	$4	20
	J. E Bonecum	30	00
June	Kupferle Bros.		20
July	Kupferle Bros.		20
Aug.	Kupferle Bros.		25
Sept.	J. M. Selzer	2	50
Oct.	Kupferle Bros.	1	90
Dec.	Kupferle Bros.		45
1901.			
Feb.	J. M. Selzer	23	50
"	Kupferle Bros.	1	41
		$64	61

ENGINE NO. 5. — Sundry Repairs.

1900.			
July.	Kupferle Bros.	$1	80
Aug.	Kupferle Bros.	10	90
Sept.	J. M. Selzer	$0	75
Sept.	Kupferle Bros.		60
Sept.	M. M. Buck	15	75
Oct.	Kupferle Bros.		60
1901.			
Jan.	J. M. Selzer	2	50
Feb.	J. M. Selzer	14	40
		$47	30

ENGINE NO. 6. — Sundry Repairs.

1900.			
Apr.	Kupferle Bros.	$5	85
July.	Kupferle Bros.	3	00
Aug.	Kupferle Bros.	18	04
Aug.	J. M. Selzer	113	50
Sept.	J. J. Cooney		75
Dec.	Kupferle Bros.	1	70
1901.			
Jan.	P. J. Cooney		75
Jan.	F. Wagner & Son	10	20
		$153	79

ENGINE NO. 7. — Sundry Repairs.

1900.			
Apr.	Kupferle Bros	$5	75
Sept.	F. Wagner & Son.	4	00
Oct.	Kupferle Bros.	8	00
Dec.	Kupferle Bros.		80
1901.			
Jan.	F. Wagner & Son	48	70
Feb.	J. Wagner & Son.	2	00
		$68	75

ENGINE NO. 8. — Sundry Repairs.

1900.			
Apr.	J. M. Selzer	$113	20
Oct.	Kupferle Bros.	32	72
Oct.	J. M. Selzer	17	10
Oct.	J. E. Bonecum	26	00
Nov.	Kupferle Bros.	30	80
		$219	82

ENGINE NO. 9. — Sundry Repairs.

1900.			
Apr.	Kupferle Bros.	$4	93
May.	Kupferle Bros	10	10
Sept.	Kupferle Bros		75
Sept.	J. E. Bonecum	13	85
Oct.	Kupferle Bros.	4	50
Nov.	Kupferle Bros.	1	80
		$35	93

ENGINE NO. 10. — Sundry Repairs.

1900.			
May.	Kupferle Bros.	$3	68
June.	Kupferle Bros	1	00
Aug.	Kupferle Bros.	13	50
Sept.	F. Wagner & Son.	1	25

Oct.	Kupferle Bros.....	$0	78
Nov.	Kupferle Bros		20
Dec.	F. Wagner & Son.....	73	30
1901.			
Jan.	F. Wagner & Son.....	3	50
		$97	16

ENGINE NO. 11.— Sundry Repairs.

1900.			
June.	Kupferle Bros.....	$7	80
July.	F. Wagner & Son.....	162	25
Aug.	Kupferle Bros.....		80
Oct.	J. E. Bonecum	14	40
Nov.	Kupferle Bros.....		64
Dec.	F. Wagner & Son	3	75
1901.			
Feb.	F. Wagner & Son.....	9	40
		$198	54

ENGINE NO. 12.— Sundry Repairs.

1900.			
Apr.	P. J. Cooney.....	$2	50
Apr.	Kupferle Bros.....	1	30
May.	P. J. Cooney.....	49	85
June.	P. J. Cooney.....	1	50
Aug.	P. J. Cooney.....	5	00
Sept.	P. J. Cooney.....	3	00
Dec.	Kupferle Bros.....		90
1901.			
Jan.	P. J. Cooney.....	1	50
Jan.	Kupferle Bros.....		60
		$16	15

ENGINE NO. 13.— Sundry Repairs.

1900.			
Sept.	Kupferle Bros	$74	89
1901.			
Jan.	P. J. Cooney.....	5	10
		$79	99

ENGINE NO. 14.— Sundry Repairs.

1900.			
Apr.	Kupferle Bros.....	$2	90
May.	Kimpel C. & W. Co.....	7	30
July.	J. M. Selzer.....	39	00
July.	Kupferle Bros.....		50
Sept.	F. Wagner & Son.....	4	00
Dec.	Kimpel C. & W. Co.....	9	40
Jan.	Kupferle Bros.....	2	40
1901.			
Feb.	J. M. Selzer.....	17	50
		$83	00

ENGINE NO. 15.— Sundry Repairs.

1900.			
May.	Kupferle Bros.....	$15	00
May.	P. J. Cooney.....	26	50
June.	F. Wagner & Son.	6	00
July.	Kupferle Bros.....	2	00
Aug.	F. Wagner & Son.....	$3	00
Aug.	American Trent & Awning Co.....	3	55
Dec.	Kupferle Bros.....		15
		$56	20

ENGINE NO. 16.— Sundry Repairs.

1900.			
May.	Kupferle Bros.....	$9	80
July.	Kupferle Bros.....		60
Dec.	F. Wagner & Son.....	17	80
		$28	20

ENGINE NO. 17. — Sundry Repairs.

1900.			
Apr.	Kupferle Bros.....	$1	45
May.	M. M. Buck.....	1	50
Sept.	P. J. Cooney.....	3	00
Sept.	Kupferle Bros.....	49	89
Oct.	Kupferle Bros.....	6	90
Nov.	Kupferle Bros.....		90
Dec.	Kupferle Bros.....	2	84
1901.			
Feb.	J. M. Selzer.....	133	50
Feb.	Kupferle Bros.....	21	27
Feb.	John O'Brien.....	6	80
		$228	05

ENGINE NO. 18.— Sundry Repairs.

1900.			
Apr.	Kupferle Bros.....	$0	24
May.	Kupferle Bros.....	29	85
June.	P. J. Cooney.....		90
July.	P. J. Cooney.....		60
July.	Kupferle Bros.....		75
Dec.	Kupferle Bros.....	2	45
1901.			
Jan.	P. J. Cooney.....	30	10
Feb.	P. J. Cooney.....	33	30
		$98	19

ENGINE NO. 19.—Sundry Repairs.

1900.			
July.	Kupferle Bros.....	$0	70
Sept.	Kupferle Bros.....	44	40
Oct.	Kupferle Bros.....	1	00
Nov.	Kupferle Bros.....	2	25
Nov.	P. J. Cooney.....	6	50
1901.			
Feb.	Kupferle Bros.....	1	18
		$56	03

ENGINE NO 20.—Sundry Repairs.

1900.			
July.	G. Heintz	$0	75
Sept.	P. J. Cooney.....	44	45
		$45	20

ENGINE NO. 21—Sundry Repairs.

1900.			
Sept.	Kupferle Bros	$0	40
Oct.	Kupferle Bros	1	93
1901.			
Feb.	Kupferle Bros	30	32
Feb.	Jos. Wangler	26	75
Feb.	Chas. Kimpel	12	65
		$72	65

ENGINE NO. 22.—Sundry Repairs.

1901.			
July.	Kupferle Bros	$9	00
Nov.	Kupferle Bros	16	35
Dec.	Kupferle Bros	29	63
1901.			
Feb.	F. Wagner & Son	54	30
		$109	28

ENGINE NO. 23.—Sundry Repairs.

1900.			
May.	Kupferle Bros	$2	94
June.	P. J. Cooney	5	00
June.	Kupferle Bros	1	50
Oct.	P. J. Cooney	9	90
1901.			
Jan.	P. J. Cooney	2	50
		$21	84

ENGINE NO. 24.—Sundry Repairs.

1900.			
Apr.	F. Wagner & Son	$21	80
May.	F. Wagner & Son	22	30
June.	F. Wagner & Son	2	50
July.	Kupferle Bros	2	86
Sept.	F. Wagner & Son	18	90
Dec.	F. Wagner & Son	5	30
Dec.	Kupferle Bros	3	33
		$76	96

ENGINE NO. 25.—Sundry Repairs.

1900.			
Apr.	J. M. Selzer	$2	50
May.	J. M. Selzer	16	30
Sept.	J. M. Selzer		80
Dec.	J. M. Selzer	41	50
1901.			
Jan.	J. M. Selzer	11	80
Jan.	Kupferle Bros	18	02
Feb.	Kupferle Bros		48
		$91	40

ENGINE NO. 26.—Sundry Repairs.

1900.			
June.	Kupferle Bros	$0	30
July.	Kupferle Bros	9	70
Aug.	J. M. Selzer	71	00
Sept.	J. M. Selzer	11	80
Sept.	Kupferle Bros	1	16
Oct.	Kupferle Bros	$0	75
Oct.	J. M. Selzer	1	40
Nov.	Kupferle Bros	1	20
1901.			
Feb.	J. M. Selzer	$ 2	50
		$99	81

ENGINE NO. 27.—Sundry Repairs.

1900.			
Sept.	Kupferle Bros	$0	90
Dec.	Kupferle Bros	1	80
1901.			
Feb.	Kupferle Bros	2	50
		$5	20

ENGINE NO. 28.—Sundry Repairs.

1900.			
May.	Kupferle Bros	$20	77
July.	Kupferle Bros		50
Sept.	Kupferle Bros		38
Oct.	Kupferle Bros	12	50
Dec.	Kupferle Bros	1	85
1901.			
Jan.	Kupferle Bros		60
Feb.	C. Kimpel	11	60
		$48	20

ENGINE NO. 29.—Sundry Repairs.

1900.			
Apr.	Kupferle Bros	$0	25
June.	John E. Bonecum	18	00
June.	Kupferle Bros	41	30
July.	P. J. Cooney	239	25
July.	Kupferle Bros	11	24
Nov.	C. Kimpel	6	80
Dec.	Kupferle Bros	3	80
		$320	65

ENGINE NO. 30.—Sundry Repairs.

1900.			
Aug.	Kupferle Bros	$0	80
Oct.	Kupferle Bros	1	34
Nov.	Kupferle Bros	8	00
		$10	14

ENGINE NO. 32.—Sundry Repairs.

1900.			
Apr.	Kupferle Bros	$30	00
May.	J. M. Selzer	84	25
July.	M. M. Buck	17	00
Dec.	Kupferle Bros	1	50
1901.			
Jan.	F. Wagner & Son	3	50
Jan.	Kupferle Bros	4	00
		$140	35

ENGINE NO. 33.—Sundry Repairs.

1900.			
May.	Kupferle Bros	$7	20

Sept.	P. J. Cooney	$5 50
Sept.	Kupferle Bros	5 98
Sept.	J. E. Bonecum	10 50
Oct.	F. Wagner & Son	75
Nov.	Kupferle Bros	40
Dec.	F. Wagner & Son	8 00
1901.		
Feb.	C. Kimpel	13 00
		$51 33

ENGINE NO. 34.—Sundry Repairs.

1900.		
Apr.	Kupferle Bros	$0 60
June.	Kupferle Bros	1 10
July.	Kupferle Bros	7 70
Nov.	F. Wagner & Son	4 50
1901.		
Jan.	Kupferle Bros	1 00
		$14 90

ENGINE NO. 35.—Sundry Repairs.

1900.		
Dec.	Kupferle Bros	$2 83

ENGINE NO. 38.—Sundry Repairs.

1900.		
Apr.	Kupferle Bros	$0 70
Sept.	J. E. Bonecum	9 00
		$9 70

ENGINE NO 39. — Sundry Repairs.

1900.		
June.	M. M. Buck	$10 25
July.	F. Wagner & Son	55 80
Sept.	Kupferle Bros	1 25
Oct.	F. Wagner & Son	$1 80
1901.		
Jan.	F. Wagner & Son	21 85
Feb.	F. Wagner & Son	37 80
Feb.	Kupferle Bros	1 83
		$ 80 55

RESERVE NO. 2. — Sundry Repairs.

1900		
May.	Kupferle Bros	$8 00
June.	Kempel C. & W. Co	21 20
		$29 20

RESERVE NO. 3. — Sundry Repairs.

1900.		
Aug.	Kupferle Bros	$37 74
Dec.	J. M. Selzer	65 60
		$103 34

RESERVE NO. 6. — Sundry Repairs.

1900.		
Aug.	P. J. Cooney	$65 80

RESERVE NO. 7. — Sundry Repairs.

1900.		
May.	P. J. Cooney	$31 75
Dec.	Kupferle Bros	4 50
1901.		
Jan.	F. Wagner & Son	$26 80
		$63 05

RESERVE NO. 8. — Sundry Repairs.

1900.		
May	Kupferle Bros	$1 41

HOOK AND LADDER REPAIR ACCOUNT.

HOOK AND LADDER NO. 1 — Sundry Repairs.

1900.		
April.	F. Wagner & Son	$8 00
July.	F. Wagner & Son	51 30
Sept.	F. Wagner & Son	3 00
Nov.	F. Wagner & Son	12 40
Dec.	F. Wagner & Son	3 50
1901.		
Jan.	F. Wagner & Son	6 80
Feb.	F. Wagner & Son	16 50
		$100 70

HOOK AND LADDER NO. 2 — Sundry Repairs.

1900.		
Aug.	P. J. Cooney	$437 70
Nov.	J. M. Selzer	2 50
Nov.	P. J. Cooney	2 50
Dec.	J. M. Selzer	66 65
1901.		
Feb.	J. M. Selzer	6 00
Feb.	P. J. Cooney	$99 25
		$614 60

HOOK AND LADDER NO. 3. — Sundry Repairs.

1900.		
June.	P. J. Cooney	$3 00
July.	P. J. Cooney	41 78
Aug.	P. J. Cooney	65 45
Aug.	J. M. Selzer	21 03
Sept.	P. J. Cooney	176 85
Sept.	American Tent and Awning Co	25 00
Nov.	J. M. Selzer	65 40
1901.		
Jan.	J. M. Selzer	1 00
Jan.	P. J. Cooney	78 95
Feb.	F. Wagner & Son	6 35
		$484 20

HOOK AND LADDER NO. 4. — Sundry Repairs.

1900.			
Apr.	P. J. Cooney	$3	00
Aug.	F. Wagner & Son	4	90
Aug.	American Tent & Awning Co	15	00
Nov.	P. J. Cooney		80
Dec.	F. Wagner	5	55
1901.			
Jan.	P. J. Cooney	5	50
		$34	75

HOOK AND LADDER NO. 5. — Sundry Repairs.

1900.			
Apr.	Kumpel C. & W. Co.	$11	20
Apr.	P. J. Cooney	76	20
May.	La France Fire Engine Co	2	00
June.	Edw. Hoffman	7	25
June.	J. M. Selzer	12	00
July.	Edw. Hoffman	7	25
July.	J. M. Selzer	31	50
July.	La France Fire Engine Co	30	30
Sept.	J. Ruppenthal & Son	23	10
Oct.	J. M. Selzer		85
1901.			
Feb.	C. Kimpel	1	75
		$203	10

HOOK AND LADDER NO. 6. — Sundry Repairs.

1900.			
May.	Kupferle Bros	$1	75
May.	P. J. Cooney	61	90
June.	P. J. Cooney	42	55
July.	P. J. Cooney	37	80
Aug.	P. J. Cooney	27	56
Oct.	P. J. Cooney	3	25
Nov.	F. Wagner & Son	6	40
Nov.	P. J. Cooney	28	90
Dec.	Seagrave Co., 50 ft. extension ladder with patent base	210	00
Dec.	Kupferle Bros	3	60
1901.			
Jan.	P. J. Cooney, rebuilding	941	55
Feb.	J. M. Selzer	28	00
Feb.	P. J. Cooney	9	05
Feb.	Kupferle Bros	2	80
		$1,405	05

HOOK AND LADDER NO. 7. — Sundry Repairs.

1900.			
Apr.	P. J. Cooney	$15	40
May.	P. J. Cooney	8	50
Oct.	S. Hensler	7	25
Nov.	P. J. Cooney	$88	70
		$114	85

HOOK AND LADDER NO. 8. — Sundry Repairs.

1900.			
May.	P. J. Cooney	$360	25
July.	P. J. Cooney	1	50
Oct.	J. M. Selzer	31	35
Oct.	P. J. Cooney	239	60
Nov.	J. M. Selzer	3	00
Dec.	J. M. Selzer	4	20
1901.			
Feb.	P. J. Cooney	38	65
		$678	55

HOOK AND LADDER NO. 9. — Sundry Repairs.

1900.			
Apr.	J. M. Selzer	$3	10
July.	J. M. Selzer	87	40
Nov.	Kupferle Bros	6	00
1901.			
Feb.	J. M. Selzer	73	65
		$170	15

HOOK AND LADDER No. 10. — Sundry Repairs.

1901.			
Jan.	P. J. Cooney	$22	00

HOOK AND LADDER No. 12. — Sundry Repairs.

1900.			
July.	Geo. Heintz	$6	50
Sept.	J. M. Selzer	73	95
Sept.	Geo. Heintz		75
Oct.	P. J. Cooney	10	80
Nov.	P. J. Cooney	10	00
1901.			
Feb.	J. M. Selzer	49	30
		$151	30

RESERVE HOOK AND LADDER NO. 1. — Sundry Repairs.

1900.			
April.	P. J. Cooney	$3	50
June.	P. J. Cooney	106	55
Aug.	P. J. Cooney	40	15
Oct.	J. M. Selzer	18	80
1901.			
Feb.	P. J. Cooney	325	95
		$494	95

RESERVE HOOK AND LADDER, NO. 3. — Sundry Repairs.

1900.			
June.	P. J. Cooney	$235	75
July.	P. J. Cooney	116	25
July.	Seagrave, 2 trussed wall ladders	90	50
		$442	50

WATER TOWER NO. 1. — Sundry Repairs.

1900.		
June.	J. M. Selzer	$0 85

WATER TOWER NO. 2. — Sundry Repairs.

1900.		
Apr.	P. J. Cooney	$145 45
June.	P. J. Cooney	35 00
Nov.	P. J. Cooney	9 50
Dec.	Kupferle Bros	75
1901.		
Jan.	P. J. Cooney	60
		$191 80

REPAIRING HOSE CARRIAGES AND WAGONS.— REPAIRS.

1900.		
Apr.	Fred. Wagner & Son	$10 00
Apr.	Kimpel C. & W. Co	6 75
Apr.	J. M. Selzer	594 40
Apr.	P. J. Cooney Mfg Co	329 05
May.	J. M. Selzer	571 35
May.	P. J. Cooney Mfg Co	328 25
May.	Kimpel C. & W. Co	28 70
May.	Edw. Hoffmann	59 80
May.	Fred. Wagner & Son	712 65
June.	Kimpel C & W. Co	68 65
June.	Edw. Hoffmann	2 00
June.	P. J. Cooney Mfg. Co	283 20
June.	J. M. Selzer	187 05
June.	Fred. Wagner & Son	$286 25
July.	P. J. Cooney Mfg. Co	316 10
July.	Fred. Wagner & Son	128 05
July.	J. M. Selzer	180 90
Aug.	P. J. Cooney Mfg. Co	10 80
Aug.	Fred. Wagner & Son	86 45
Aug.	J. M. Selzer	307 35
Sept.	Fred. Wagner & Son	684 95
Sept.	P. J. Cooney Mfg. Co	298 35
Sept.	J. M. Selzer	682 60
Sept.	C. Kimpel C. & W. Co	50 55
Oct.	Fred. Wagner & Son	329 15
Oct.	J. M. Selzer	381 30
Oct.	P. J. Cooney Mfg. Co	23 00
Nov.	J. M. Selzer	65 55
Nov.	Fred. Wagner & Son	248 10
Nov.	P. J. Cooney Mfg. Co	56 65
Nov.	Chas. Kimpel C. & W. Co.	7 55
Dec.	Fred. Wagner & Son	65 80
Dec.	J. M. Selzer	118 50
Dec.	Chas. Kimpel C. & W. Co.	5 60
1901.		
Jan.	J. M. Selzer	379 65
Jan.	J. P. Cooney Mfg. Co	479 05
Jan.	Fred. Wagner & Son	76 35
Jan.	Jno. Habenicht	2 35
Feb.	J. M. Selzer	244 05
Feb.	P. J. Cooney	82 95
Feb.	Fred. Wagner & Son	38 50
Feb.	Chas. Kimpel	104 20
		$8,905 00

STATIONERY, PRINTING AND OFFICE EXPENSES.

June,	1900.	S. F. Myerson — 1,000 statements and 1 book	$27 50
		S. F. Myerson — 5,000 form 8, 5,000 form 10	38 50
		S. F. Myerson — 1,000 embossed No. 10 envelopes	14 00
July,	1900.	S. F. Myerson — 4,000 daily fire reports	24 00
Aug.,	1900.	S. F. Myerson — 50 slips for running card	8 50
Sept.,	1900.	Skinner Kennedy — pencils and stationery	21 85
Oct.,	1900.	S. F. Myerson — 2 copies Municipal code	3 60
Dec.,	1900.	S. F. Myerson — 500 2-cent stamps	10 00
		S. F. Myerson — 1,000 daily fire reports	5 00
			$147 95

NEW HOSE, COUPLINGS AND NOZZLES, AND REPAIRING.

April,	1900.	J. Ruppenthal & Son — Repairing couplings and nozzles	$95 80
		Kupferle Bros. Mfg. Co. — Repairing hose couplings and nozzles	3 10
		Leopold Meyer — Recovering play pipe	5 50
May,	1900.	Samuel Eastman & Co. 4 No. 6 Two-way Hopkins patent nozzles	540 00
		J. Ruppenthal & Son — Repairing couplings and nozzles	60 30
		Kupferle Bros. Mfg. Co. — Repairing couplings and nozzles	75
July,	1900.	Manhattan Rubber Mfg. Co. — 2,000 ft. 2½ double jacket hose	1,800 00
		The Gutta Percha & R. Co. — 129 ft. 4 in. smooth base suction	316 05
		Day Rubber Co — 110 ft. 3½ Eureka fire hose	154 00
		J. Ruppenthal & Son — Repairing nozzles	62 56
		Kupferle Bros. Mfg. Co. — Repairing nozzles	12 60
		New York Belting & Pkg. Co. — Repairing hose	1 53
Aug.,	1900.	J. Ruppenthal & Son — Repairing nozzles	11 65

Sept., 1900.	New York Belting & Pkg. Co.	Repairing hose	$3 85
	J Ruppenthal & Son	repairing nozzles and coupling	101 54
	Day Rubber Co	2,000 ft. Paragon hose	1,800 00
	Revere Rubber Co	1,000 ft. 2½ in. Mastiff hose	800 00
	New York Belting & Pkg. Co	2,000 ft. 2½ cir. aa hose	1,600 00
	The Gutta Percha & R. Co	2,000 ft. Chemical hose	600 00
	Chicago Fire Hose Co	1,000 ft. 2½ in. nat'l hose	900 00
Oct., 1900.	B T. Goodrich & Co	2,000 ft. 2½ Goodrich hose	1,700 00
	The Gutta Percha R. Co	1,500 ft. 2½ 3-ply hose	1,275 00
	Manhattan Rubber Mfg. Co	3,500 ft. 2½ Farragut hose	2,850 00
	New York Belting & Pkg. Co	Repairing hose	10 20
	J. Ruppenthal & Son	Repairing nozzles and couplings	77 25
Nov., 1900.	New York Belting & Pkg. Co	Repairing hose	25 75
	New York Belting & Pkg. Co.	1,000 ft. 2½ D. J. C. R. L. hose	800 00
	Capen Belting Co	1,000 ft. 2½ in. Pennent fire hose	800 00
	Manhattan Rubber Mfg. Co.	1,500 ft. 2½ D. J. C. B. L. hose	1,350 00
	Monarch Rubber Co	1,000 ft. 2½ D. J. hose	800 00
Dec , 1900.	New York Belting Co	Repairing hose	14 00
	James Byrnes & Co	1,000 ft. 2½ fire hose	800 00
	J. Ruppenthal & Son	Repairing nozzle and couplings	66 82
	New York Belting Co	Repairing hose	5 00
Jan., 1901.	The Gutta Percha & R Mfg. Co	106 ft. hose	360 40
	The Gutta Percha & R. Mfg. Co	80 ft. hose	232 00
	Ruppenthal & Son	Repairing hose	9 75
	New York Belting & P. Co	Repairing hose	5 00
Feb., 1901.	J. Ruppenthal & Son	Repairing hose	12 00
	New York Belting & P. Co	1,000 ft. circular hose	800 00
	Manhattan Rubber Mfg. Co.	1,500 ft. D. J. Cotton hose	1,050 00
	Empire Rubber Co	500 ft. King D. J.	325 00
Mar., 1901.	Meyer Supply Co	Repairing hose, etc.	20.00
	Samuel Eastman	New nozzles, etc.	215 00
	Geo. C. Hale	4 hose pipes	80 00
	Ruppenthal & Son	Repairing hose and nozzles	23 17
	Ruppenthal & Son	Repairing hose and nozzles	26 00
	Total		$22,601 55

NEW HORSES.

April, 1900.	National Stock Yards	1 bay horse	$185 00
May, 1900.	Sloan & Caldwell	1 bay horse	175 00
	H. L. McIlheran	1 bay horse	165 00
June, 1900.	Sloan & Caldwell	1 sorrel and 1 black horse	360 00
July, 1900.	Sloan & Caldwell	2 sorrel horses	315 00
Aug., 1900.	Maxwell, Crouch M. C	1 brown horse	150 00
	Sloan & Caldwell	3 brown horses	500 00
Sept., 1900.	Hy. Fischer	1 bay horse	150 00
Oct., 1900.	Sloan & Caldwell	3 bay horses	515 00
	Phil. Schmidt	3 bay horses	500 00
Nov., 1900.	Sloan & Caldwell	6 bay horses	1,125 00
	Phil. A. Schmidt	1 bay horse	190 00
	Wolfort & Co	1 bay horse	200 00
Dec., 1900.	Pta. A. Schmidt	2 bay horses	325 00
Jan., 1901.	Sloan & Caldwell	4 bay horses	755 00
	Phil. A. Schmidt	4 bay horses	175 00
Feb., 1900.	Wolfort & Co	1 bay horse	200 00
			$5,985 00

VETERINARY'S SALARIES AND HORSE MEDICINES.

April, 1900.	Dr. A. J. Hammerstein	Professional services	$100 00
May,	Dr. A. J. Hammerstein	Professional services	100 00
June,	Dr. A. J. Hammerstein	Professional services	100 00
July,	Dr. A. J. Hammerstein	Professional services	100 00
	Moffitt-West Drug Co	Sundry drugs	80 88

Aug.,	Dr. A. J. Hammerstein	Professional services	$100 00
Sept.,	Dr. A. J. Hammerstein	Professional services	100 00
Oct.,	Dr. A. J. Hammerstein	Professional services	100 00
	Meyer Bros. Drug Co	Sundry drugs	174 30
Nov.,	Dr. A. J. Hammerstein	Professional services	100 00
Dec.,	Dr. A. J. Hammerstein	Professional services	100 00
Jan., 1900.	Dr. A. J. Hammerstein	Professional services	100 00
Feb.,	Dr. A. J. Hammerstein	Professional services	100 00
	Meyer Bros. Drug Co	Sundry drugs	79 65
March,	Dr. A. J. Hammerstein	Professional services	100 00
			$1,534 83

HARNESS AND REPAIRING SAME.

April, 1900.	Fred Wagner & Son	Repairing bit	$ 1 25
	J. M. Selzer	Repairing harness	80
	Kupferle Bros. Mfg. Co	Repairing swinging harness	13 20
	Leopold Meyer	Repairing harness	13 40
	C. A. Jacoby	Repairing harness	2 00
	O. H. Grossenheider	Repairing harness	10 85
	Aug. Holthaus S. Co	Repairing harness	57 65
	M. Debatin	Repairing harness	26 80
	M. M. Buck Mfg. Co	Repairing harness	1 25
May, 1900.	J. M. Selzer	Repairing swinging harness	65
	Kupferle Bros	Repairing swinging harness	21 10
	M. Debatin	Repairing harness	44 00
	Leopold Meyer	Repairing harness	23 40
	O. H. Grossenheider	Repairing harness	8 75
	Geo. Grassmuck	Repairing harness	49 40
	Aug. Holthaus S. Co	Repairing harness	22 80
	William Keller	Repairing harness	1 75
June, 1900.	J. M. Selzer	Repairing swinging harness	8 62
	Geo. Grassmuck	Repairing harness	15 40
	O. H. Grossenheider	Repairing harness	10 40
	Leopold Meyer	Repairing harness	35 75
	M. Debatin	Repairing harness	37 85
	C. A. Jacoby	Repairing harness	2 15
July, 1900.	Fred. Wagner & Son	Repairing harness	3 00
	J. M. Selzer	Repairing harness	1 75
	Geo. Grassmuck	Repairing harness	18 65
	M. Debatin	Repairing harness	24 50
	C. A. Jacoby	Repairing harness	6 25
	Leopold Meyer	Repairing harness	47 50
	Aug. Holthaus S. Co	Repairing harness	127 90
	John Spuck	Repairing swinging harness	136 90
	Kupferle Bros. Mfg. Co	Repairing swinging harness	15 60
Aug., 1900.	P. J. Cooney Mfg. Co	Nickel plating harness	28 00
	Aug. Holthaus S. Co	Repairing harness	38 60
	O. H. Grossenheider	Repairing harness	10 05
	Geo. Grassmuck	Repairing harness	15 80
	Leopold Meyer	Repairing harness	49 65
	William Keller	Repairing harness	2 50
	M. Debatin	Repairing harness	20 05
	C. A. Jacoby	Repairing harness	1 30
Sept., 1900.	Leopold Meyer	Repairing harness	30 55
	A. Holthaus S. Co	Repairing harness	36 35
	M. Debatin	Repairing harness	67 30
	O. H. Grossenheider	Repairing harness	5 00
	Geo. Grassmuck	Repairing harness	47 75
Oct., 1900.	J. M. Selzer	Repairing harness	66 25
	M. Keller	Repairing harness	3 80
	M. Debatin	Repairing harness	26 00
	Leopold Meyer	Repairing harness	28 25
	O. H. Grossenheider	Repairing harness	6 40

Oct., 1900.	Geo. Grassmuck	Repairing harness	$36 60
	John Spuck	Repairing harness	131 30
	Aug. Holthaus S. Co	Repairing harness	40 10
Nov., 1900.	J. M. Selzer	Repairing harness	15 00
	O. H. Grossenheider	Repairing harness	13 35
	A. Holthaus S. Co	Repairing harness	26 10
	C. A. Jacoby	Repairing harness	2 65
	Leopold Meyer	Repairing harness	38 65
	M. Debatin	Repairing harness	29 85
	Geo. Grassmuck, Jr	Repairing harness	17 65
	John Spuck	Repairing harness	16 26
Dec., 1900.	J. M. Selzer	Repairing harness	6 35
	Leopold Meyer	Repairing harness	14 05
	M. Debatin	Repairing harness	20 40
	Geo. Grassmuck	Repairing harness	21 00
	Aug. Holthaus S. Co	Repairing harness	23 35
Jan., 1900.	J. M. Selzer	Repairing harness	3 50
	C. A. Jacoby	Repairing harness	2 00
	Leopold Meyer	Repairing harness	22 00
	August Holthaus S. Co	Repairing harness	32 20
	O. H. Grossenheider	Repairing harness	5 20
	Wm. Debatin	Repairing harness	11 90
	Geo. Grassmuck	Repairing harness	22 50
	W. Keller	Repairing harness	4 65
Feb., 1901.	M. Debatin	Repairing harness	19 15
	Aug. Holthaus	Repairing harness	27 30
	Leopold Meyer	Repairing harness	23 55
	O. H. Grossenheider	Repairing harness	8 90
March, 1901.	O. H Grossenheider.	Repairing harness	10 25
	C. A. Jacoby	Repairing harness	6 40
			$1,926 13

HORSE FEED AND BEDDING.

April, 1900.	H. G. Beck	78.1400 tons timothy hay	$1,019 75
	H. G. Beck	2380.10 bus. No. 2 white oats	705 17
	H. G. Beck	14,250 lbs. wheat bran	101 18
May, 1900.	H. G Beck	2559.12 bus. No. 2 white oats	758 21
	H. G. Beck	16,050 lbs. wheat bran	113 95
	H. G. Beck	36.1060 tons timothy hay	473 06
	South Side Supply Co	6 sacks C. salt	8 10
June, 1900.	South Side Supply Co	6 bbls. ground flaxseed	65 70
	F. W. Clemens	35,970 lbs. wheat straw	111 51
	H. G. Beck	54.1790 tons timothy hay	710 89
	H. G. Beck	2,658.24 bus. No. 2 white oats	787 65
	H. G. Beck	160 sacks wheat bran	113 10
July, 1900.	Anchor Flour and Feed Co	36.740 tons timothy hay	416 72
	Anchor Flour and Feed Co	7.1400 tons wheat straw	35 80
	Anchor Flour and Feed Co	7,000 lbs. wheat bran	47 25
	H. G. Beck	9.210 tons timothy hay	117 91
Aug., 1900.	Brinkmeyer-Meyer H. & G. Co.	6,294 lbs. No. 2 white oats	560 56
	Anchor Flour and Feed Co	58.1350 tons timothy hay	671 83
	Anchor Flour and Feed Co	20,315 lbs. wheat bran	137 13
	Anchor Flour and Feed Co	12,580 lbs. wheat straw	29 25
	St. Louis Horse Bedding Co	2 loads shavings	5 00
Sept., 1900.	South Side Supply Co	12 bbls. salt, 6 bbls. flaxseed	79 12
	Brinkmeyer-Meyer H. & G. Co.	150,350 lbs. No. 2 white oats	1,339 04
	Anchor Flour and Feed Co	81.810 tons timothy hay	1,046 59
	Anchor Flour and Feed Co	Wheat, straw and bran	152 56
Oct., 1900.	H. G. Beck	Wheat, straw and bran	128 80
	Brinkmeyer-Meyer H. & G. Co.	77,920 lbs. No. 2 white oats	678 76
	Anchor Flour and Feed Co	28.1110 tons timothy hay	326 95

Nov., 1900.	Brinkmeyer-Meyer H. & G. Co...75,420 lbs. No. 2 white oats	$656 98
	Brinkmeyer-Meyer H. & G. Co..67.810 tons timothy hay	768 42
	H. G. Beck.....15,500 lbs. wheat bran	112 76
	H. G. Beck.....19,360 lbs. wheat straw	48 40
Dec., 1900.	Brinkmeyer-Meyer H. & G. Co...73,590 lbs. No. 2 white oats	641 03
	Brinkmeyer-Meyer H. & G. Co..57.750 tons timothy hay	654 07
Jan., 1901.	Brinkmeyer-Meyer H. & G. Co.33 sacks No. 2 white oats	43 82
	Brinkmeyer-Meyer H. & G. Co...71.20 tons timothy hay	927 24
	H. G. Beck.....215 sacks wheat bran	223 14
	H. G. Beck.....23,160 lbs. wheat straw	57 90
	H. G. Beck.....2429.12 bus. No. 2 white oats	713 54
Feb., 1901.	H. G. Beck.....2,265 bus. No. 2 white oats	665 34
	H. G. Beck.....65 sacks wheat bran	79 34
	F. W. Clemens.....29,830 lbs. wheat straw	112 55
	Brinkmeyer-Meyer H. & G. Co..78.1310 tons timothy hay	1,046 11
		$17,492 18

HORSE SHOEING ACCOUNT — SHOEING HORSES.

April, 1900.

John Conway	$6 00
Grace Bros. H. S. Co	6 50
Fred. Hagedorn	10 88
Wm. L. Roach	12 00
C. Oellermann & Son	12 00
F. Bender	12 00
Chas. Ost	12 38
Speekman & Brocken	12 50
F. Lucas	12 62
John J. Hallenberger	12 87
Geo. W. B. Lorenzen	14 25
Rudolph Beck	14 75
Albert H. Jaehn	15 00
Henry Constanz	17 25
T. H. Miller	18 00
H. H. Hoff	18 00
Fred. Ahrens	18 75
Tiekemeier & Grannemann	19 13
A. J. Reuss	19 75
J. Kline	21 50
John Kirby	25 25
W. G. Dierking	36 87
Jas. Lynch & Son	43 75
Helwig Bros	51 37
Clarke & Woods	52 62
Hy. J. Mohrmann	67 88
E. Butler & Son	54 75
P. E. Flanagan	71 25

May, 1900.

Rudoph Beck	$6 00
Chas. Ost	6 75
Grace Bros. H. S. Co	8 00
F. Lucas	8 25
John Faust & Son	11 12
Wm. L. Roach	12 00
Henry Constanz	12 00
H. H. Hoff	12 00
C. Oellermann & Son	12 38
John Conway	12 50
John J. Hollenberger	12 50
F. Bender	$13 50
Geo. W. P. Lorenzen	13 50
Albert H. Jaehn	15 00
Fred. Warmann	24 00
Fred. Ahrens	25 12
John Kirby	26 25
A. J. Reuss	27 62
T. H. Miller	30 00
W. G. Dierking	37 25
E. Butler & Son	43 75
Jas. Lynch & Son	50 25
Helwig Bros.	51 75
Tiekemeier & Grannemann	18 75
Clarke & Woods	78 37
Hy. J. Mohrmann	80 63
A. E. Flanagan	90 25
J. H. Kline	17 25

June, 1901.

John Conway	$6 00
Grace Bros. H. S. Co	7 50
F. Lucas	10 50
F. Bender	12 37
Chas. Ost	12 75
C. Oellermann & Son	13 12

June, 1900.

W. L. Roach	$14 25
John J. Hallenberger	14 37
Albert H. Jaehn	15 00
Rudolph Beck	15 12
Henry Constanz	17 62
H. H. Hoff	18 00
Tiekemeier Grannamann	18 38
Jcs. H. Kline	18 50
Geo. W. B. Lorenzen	18 75
Speekman & Broken	18 88
H. T. Miller	21 00
John Faust & Son	21 00
A. J. Reuss	21 25
Fred Ahrens	21 37
John Kirby	32 18
W. G. Dierking	36 00

Helwig Bros	$45 75
Jas. Lynch & Son	51 75
Hy. J. Mohrmann	70 88
Clark & Woods	79 65

July, 1900.

F. Lucas	$6 00
Speekman & Broken	6 00
Grace Bros, H. S. C.	6 50
W. F. Fisher	6 00
John Faust & Son	10 50
Chas. Ost	12 00
H. H. Hoff	12 00
J. H. Klein	12 25
John J. Hollenberger	12 50
C. Allerman & Son	12 75
W. L. Roach	13 12
F. Bender	13 12
John Conway	13 25
Harry Constanz	13 50
Albert H. Jaehn	15 00
Tiekemeier & Grannemann	16 88
Fred. Ahrens	18 75
Geo. W. P. Lorenzen	19 13
John Faust & Son	21 00
J. H. Kline	21 87
T. H. Miller	30 00
A. A. Reuss	34 00
W. G. Dierking	36 60
John Kirby	39 25
E. Butler & Son	115 38
Jas. Lynch & Son	50 00
Helwig Bros	51 75
Hy. J. Mohrmann	78 38
R. E. Flanagan	164 87
Clark & Wood	83 50

August, 1900.

Grace Bros, H. S. Co	$3 88
Jos. H. Klein	6 00
Jno. Conway	6 00
F. Lucas	12 00
Wm. E. Fischer	12 00
Chas. Ost	12 00
Henry Constanz	12 25
Speekman & Broken	12 50
W. L. Rooch	12 75
C. Allermann & Son	12 75
F. Bender	12 75
Jno. J. Hallenberger	14 75
H. H. Hoff	15 00
Albert H. Jaehn	15 00
Tiekemeier & Grannemann	18 00
A. J. Reuss	18 62
Geo. W. P. Lorenzen	19 50
John Faust & Son	21 00
Fred. Ahrens	21 75
T. H. Miller	22 12
J. H. Kline	45 74
W. G. Dierking	36 00
John Kirby	37 50
E. Butler & Son	48 38
Helwig Bros	49 87
Jas. Lynch & Son	51 50
Hy. J. Mohrmann	76 50
Clarke & Woods	$79 75
P. E. Flanagan	93 25

September, 1900.

Grace Bros. H. S. Co	$5 00
Fred. Warmann	6 00
Speekmann & Broken	6 00
F. Lucas	7 50
Geo. W. P. Lorenzen	8 63
John Faust	10 50
J. H. Kline	12 00
W. L. Roach	12 00
Chas. Ost	12 00
H. H. Hoff	12 37
John Conway	12 50
C. Oellermann	13 87
F. Bender	13 87
John J. Hallenberger	14 75
Albert H. Jaehn	15 37
Tiekemeier & Grannemann	18 00
J. H. Kline	22 62
Fred. Ahrens	24 25
A. J. Reuss	27 62
T. H. Miller	30 00
John Kirby	36 00
W. G. Dierking	39 00
Helwig Bros	47 25
Clarke & Woods	52 38
E. Butler & Son	64 88
Hy. J. Mohrmann	84 75
Henry Constanz	12 00

October, 1900.

John Conway	$6 00
Geo. W. P. Lorenzen	6 38
Grace Bros. H. S. Co	6 50
Bender & Dreibus	12 00
W. L. Roach	12 00
F. Lucas	12 00
C. Oellermann & Son	12 00
W. H. Craft	12 50
Chas. Ost	12 75
John J. Hallenberger	14 75
Tiekemeier & Grannemann	15 00
Albert H. Jaehn	15 00
Hy. Constanz	15 75
H. H. Hoff	18 00
Fred. Ahrens	18 75
W. E. Fischer	19 62

October, 1900.

John Faust & Son	$21 25
T. H. Miller	21 37
J. H. Kline	21 50
A. J. Reuss	21 62
John Kirby	29 25
Fred Warmann	36 75
W. G. Dierking	38 87
Clark & Woods	43 12
Helwig Bros	48 00
E. Butler & Son	73 88
Hy. J. Mohrman	83 26
Jas. Lynch & Son	85 62
R. E. Flanagan	144 75

November, 1900.

Sutter & Beck	$1 12
Wm. E. Fischer	6 00
Wm. H. Craft	6 00
Albert H. Jaehn	6 00
Grace Bros. H. S. Co	6 50
F. Lucas	7 87
Chas. Ost	12 00
Henry Constanz	12 00
C. Oellermann & Son	12 00
H. H. Haff	12 00
J. H. Kline	12 00
John Conway	12 50
W. L. Roach	12 75
Bender & Dreibus	13 12
John J. Hallenberger	13 25
John Faust & Son	13 50
Tiekemeier & Grannemann	16 13
J. H. Kline	21 87
Fred. Ahrens	22 12
A. J. Reuss	28 00
John Kirby	30 00
T. H. Miller	30 37
W. G. Dierking	36 75
Gus. J. Lorenzen	37 87
Clark & Woods	49 00
Jas. Lynch & Son	49 12
Helwig Bros	49 12
Hy. J. Mohrmann	69 38
E. Butler & Son	73 37
P. E. Flanagan	74 00

December, 1900.

John Conway	$6 00
Albert H. Jaehn	6 00
Grace Bros. H. S. Co	9 88
W. L. Roach	12 00
C. Oellermann & Son	12 00
F. Lucas	12 37
W. H. Craft	12 50
Chas. Ost	13 50
W. E. Fischer	13 62
T. H. Miller	15 00
Henry Constanz	15 75
Fred. Ahrens	16 75
H. H. Haff	18 00
John Helwig & Co	18 00
Fred. Warmann	18 00
John J. Hallenbergar	18 50
A. J. Reuss	19 37
Gus. J. Lorenzen	19 50

December, 1901.

Tiekemeier & Grannemann	$19 50
John Faust & Son	20 87
J. H. Klein	22 62
W. G. Dierking	36 75
John Kirby	37 50
Helwig Bros	42 00
Jas. Lynch & Son	46 87
Clarke & Woods	66 25
E. Butler & Son	80 25
Henry J. Mohrmann	90 00
J. H. Klein	12 00

January, 1901.

Jno. J. Hallenberg	$2 25
Albert H. Jaehn	6 00
Grace Bros.	6 50
W. E. Fisher	7 12
F. Lucas	2 87
Wm. H. Craft	8 00
Fred. W. Warmann	12 00
C. Oellermann & Son	12 00
John Helwig & Co	12 00
John Faust & Son	12 00
Jno. Conway	12 50
Chas. Ost	12 50
W. L. Roach	12 75
Henry Constanz	13 12
Jos. H. Kline	13 25
Geo. J. Lorenzen	15 00
H. H. Hoff	18 75
Tiekemeier & Granemann	18 75
John Kirby	28 50
H. T. Miller	30 00
Fred. Ahrens	29 75
A. J. Reuss	30 25
J. H. Kline	35 75
W. G. Dierkes	36 00
Helwig Bros	41 25
Clarke & Woods	48 25
Jas. Lynch & Son	48 75
B. E. Flanagan	70 00
B. E. Flanagan	82 12
Henry J. Mohrman	87 88
E. Butler	93 38

February, 1901.

Albert H. Jaehn	$6 00
Jno. Conway	6 00
Aug. Walte	6 00
John Helwig	6 00
Grace Bros.	7 25
F. Lucas	10 12
C. Oellermann & Son	12 00
W. L. Roach	12 00
John G. Hallenberger	12 50
Chas. Ost	12 75
Wm. E. Craft	13 00
Fred. Hagedorn	13 50
Wm. E. Fischer	14 37
T. H. Miller	15 00
Henry Constanz	16 12
H. H. Hoff	18 00
Tiekemeier & Grannemann	18 00
Gus. J. Lorenzen	15 75
Jno. Faust & Son	20 50

February, 1901.

J. H. Kline	$21 25
O. J. Reuss	22 00
Fred. Ahrens	22 00
Jno. Kirby	31 50
W. G. Dierking	39 12
Helwig Bros	44 25
Clark & Woods	44 88
Jas. Lynch & Son	54 78
Henry J. Mohrmann	69 00

P. E. Flanagan	$70 12
E. Butler	85 37

March, 1901.

Wm. E. Fisher	$ 6 00
Grace Bros	6 50
W. H. Craft	8 75
Fred. Hagedorn	9 00
F. Lucas	9 37
John Helwig & Co	12 00
Wm. L. Roach	12 00
Aug. Nolte	$12 00
C. Oellermann & Son	12 00
Jno. Faust & Son	12 25
Gus. J. Lorenzen	12 38
Jno. Rooney	12 50
Chas. Ost	13 87
Jno. Hallenberger	14 00
Henry Constanz	14 25
Tiekemeier & Grannemann	21 75
	$8,596 73

ICE ACCOUNT.

Dec., 1900.	Merchant's Ice Co.....202.1147 tons ice for season	$769 78

FUEL ACCOUNT.

April, 1900.	Devoy & Feuerborn .....99.950 tons gas coke	$387 95
	Casper Stehle.....50 bales of excelsior	46 05
	Edw. T. Meyer.....5 cords hickory wood	21 60
	Laclede Gas Light Co.....Fuel gas	9 30
May, 1900.	Devoy & Feuerborn.....98.1670 tons gas coke	385 46
	Henry Gaus & Son Mfg. Co.....2 loads kindling wood	6 00
	Laclede Gas Light Co.....Fuel gas	12 00
June, 1900.	Henry Gaus & Son Mfg. Co.....4 loads kindling wood	12 00
	Devoy & Feuerborn.....73.1880 tons gas coke	288 37
	Logwood & DeCamp.....22.1775 tons Pittsburg Lp. coal	95 28
	Edw. T. Meyer.....9 cords hickory wood	38 88
	Laclede Gas Light Co.....Fuel gas	15 20
July, 1900.	Edw. T. Meyer.....17 cords hickory wood	72 45
	Federal Chemical Co.....3 tons coal	7 50
	Logwood & DeCamp.....27.336 tons Pittsburg Lp. coal	112 50
	Henry Gaus & Son Mfg. Co.....3 loads kindling wood	9 00
	Laclede Gas Light Co.....Fuel gas	13 70
Aug., 1900.	Devoy & Feuerborn.....2.1650 tons Pittsburg coal	13 00
	Devoy & Feuerborn.....84.660 tons gas coke	352 47
	Casper Stehle.....50 bales of excelsior	37 47
	Henry Gaus & Son Mfg. Co.....7 loads kindling wood	21 00
	Laclede Gas Light Co.....Fuel gas	10 70
Sept., 1900.	Laclede Gas Light Co.....Fuel gas	13 40
	Devoy & Feuerborn C. C. Co.....54.1745 tons gas coke	235 95
	Devoy & Feuerborn.....4.1120 tons Pittsburg coal	20 98
	Edw. T. Meyer.....17 cords hickory wood	71 91
	Henry Gaus & Son Mfg. Co.....2 loads kindling wood	6 00
Oct., 1900.	Henry Gaus & Son Mfg. Co.....4 loads kindling wood	12 00
	Devoy & Feuerborn C. C. Co.....118.1405 tons gas coke	510 42
	Devoy & Feuerborn.....19.810 tons Pittsburg coal	89 26
	Edw. T. Meyer.....10 cords hickory wood	42 30
	Laclede Gas Light Co.....Fuel gas	14 60
	Boehmer Coal Co.....6.1600 tons B. B. Lp. coal	18 79
Nov., 1900.	Henry Gaus & Son Mfg. Co.....6 loads kindling wood	18 00
	Devoy & Feuerborn C. C. Co.....198.1540 tons gas coke	854 71
	Devoy & Feuerborn C. C. Co...4.126 tons Pittsburg coal	14 40
	Boehmer Coal Co.....2.1300 tons B. B. Lp. coal	5 01
	Edw. T. Meyer.....14 cords hickory wood	59 22
	Laclede Gas Light Co.....Fuel gas	9 92
Dec., 1900.	Edw. T. Meyer.....10 cords hickory wood	42 30
	Henry Gaus & Son Mfg. Co.....9 loads kindling wood	27 00
	Boehmer Coal Co.....13.1450 tons B. B. Lp. coal	25 95
Jan., 1901.	Henry Gaus & Son Mfg. Co.....3 loads kindling wood	9 00
	Edw. T. Meyer.....11 cords hickory wood	46 53
	Devoy & Feuerborn C. C. Co.27.1460 tons Pittsburg coal	127 56
	Devoy & Feuerborn.....548.480 tons gas coke	2,314 43
	Boehmer Coal Co.....18.350 tons B. B. Lp. coal	34 34

Jan., 1901.	Laclede Gas Light Co.....Fuel gas	$13 60
Feb., 1901.	Laclede Gas Light Co.....Fuel gas	22 28
	Boehmer Coal Co .....B. B. Lp. coal	22 77
	Henry Gaus & Son Mfg. Co.....1 load kindling wood	3 00
	Casper Stehle..... .....50 bales excelsior	40 81
	Edw. T. Meyer.....7 cords hickory wood	29 61
		$6,718 93

FURNITURE AND REPAIRING SAME.

April, 1900.	Merrick, Walsh & Phelps.... Cleaning and repg. clocks, 13, 15, 22, 4.....	$6 00
May, 1900.	Jacob Frank.....6 doz. bed spreads	79 20
June, 1900.	Merrick, Walsh & Phelps..Cleaning & repg. clock, No. 32	1 50
July, 1900.	Union Furniture Co....1 flat top desk and 6 office chairs	68 50
	Casper Stehle.....Renovating mattresses and pillows	291 85
	C. Hartenbach....Cleaning and relaying carpets in office	20 00
	Merrick, Walsh & Phelps..Cleaning & repg. clocks, No. 9.	2 50
Aug., 1900.	Casper Stehle.....Renovating mattresses and pillows	51 25
Sept., 1900.	Casper Stehle.....Renovating mattresses and pillows	57 85
	Merrick, Walsh & Phelps.Cleaning & repg. clock, No. 13.	2 50
Nov., 1901.	Scruggs, Vandervoort & Co.....244 bed spreads	268 40
	D. Crawford.....9.974 yds. sheeting	172 03
	Mermod, Jaccard J. Co..Cleaning and repg clock, No. 24	2 00
Dec., 1900.	Mrs. M. B. Henry...Making bed sheets and pillow slips	44 00
		$1,067 58

MATERIAL FOR ENGINES.

April, 1900.	American Fire Eng. Co..1 No. 3x 26 vertical Fox boiler, complete.....	$625 00
	American Fire Eng. Co.....Nickel-plated trimming and fitting.....	95 00
	American Fire Eng. Co..1 nickel-plated Dome and band for boiler, complete.....	110 00
	American Fire Eng. Co....2 sets leather cups and plungers for engines 2246 and 2285.....	28 00
	American Fire Eng. Co.....2 4½ pump-packing disk	2 00
May, 1900.	American Fire Eng. Co....20 nickel-plated bell-shaped lubricators.....	105 00
	American Fire Eng. Co.....1 gun metal bale socket	4 25
	American Fire Eng. Co.....2 finished valve seat plates	13 50
	American Fire Eng. Co....3 doz. 3 in. flat valves, 3 doz. 3¼ in. flat valves.....	29 40
	American Fire Eng. Co....12 gun metal valves for engs. 2246 and 2253.....	30 00
	American Fire Eng. Co....4 water cylinders for circulators No. 2246 and 2252.....	35 00
	American Fire Eng. Co...2 doz. brass spun band oil cans	14 40
June, 1900.	American Fire Eng. Co..1 front steel spring for eng. 420	18 50
July, 1900.	American Fire Eng. Co....2 front oil tempered springs for engine 420.....	37 00
	Kupferle Bros. Mfg. Co.....sundry material	11 15
Aug., 1900.	American Fire Eng. Co.....1 front axle complete	42 50
	American Fire Eng. Co.....2 water cylinders, etc.	49 30
	American Fire Eng. Co..2 sets grate bars and 36 rubber valves.....	35 95
Sept., 1900.	American Fire Eng. Co.Nickel-plated drum for circulator	14 00
Oct., 1900.	American Fire Eng. Co..8 front hubs complete for eng. 9126.....	144 00
	American Fire Eng. Co.....1 finished gun metal flange	9 50
	American Fire Eng Co....8 front hubs complete for 564	174 00
	American Fire Eng. Co.....2 gun metal flanges	24 50
	American Fire Eng Co..... .....12 finished valves	42 00
		$1,723 95

MISCELLANEOUS ACCOUNT.

April, 1900.	Waters-Pierce Oil Co	4 bbls coal oil	$22 76
	Fred. Wagner & Son	25 ft. rope	2 50
	J. M. Selzer	1 gal. paint	2 00
	Kupferle Bros. Mfg. Co	5 lbs. sole leather	2 60
	St. Louis Lantern Co	Repairing lanterns	2 05
	Missouri Lamp Co	Repairing lanterns	10
	Henry Grassmuck	13 buckets hoof packing	13 00
	Henry Grassmuck	3 sacks of Scotland Food	9 00
	Aug. Kern Barber Sup. Co.	Repairing clipping machines	2 25
	American Fire Engine Co	Express paid on material	9 57
	John E. Bonecum	Sundry repairs	59 10
	M. M. Buck Mfg. Co	Green globe for buggy No. 1	2 00
	Fred. Wagner & Son	Sundry repairs	11 25
	S. M. Selzer	Sundry repairs	10 55
	Kupferle Bros. Mfg. Co	Sundry repairs	163 34
May, 1900.	Meyer Bros. Drug Co	10 lb. camphor balls	1 00
	Wm. Hahn Hardw. Co	6 doz. ax handles	5 55
	Wm. Hahn Hardw. Co	4,000 ft. ⅜ in. silver cord	73 26
	Wm. Hahn Hardw. Co	1,000 ft. hemp sash cord	3 60
	Wm. Hahn Hardw. Co	4 doz. files	19 80
	South Side Supply Co	10 doz. R. & W. brushes	30 00
	South Side Supply Co	5 gross wick and 2 bbls. soda	9 95
	South Side Supply Co	20 doz. heavy brooms	97 00
	Gould Directory Co	1 City Directory	6 00
	The Mound City Oil & Sup. Co.	1 bbl. Marine cylinder oil	31 50
	The Mound City Oil & Supply Co	1 bbl. engine oil	18 03
	J. M. Selzer	Sundry repairs	10 65
	Kupferle Bros. Mfg. Co	Sundry repairs	6 51
	P. J. Cooney Mfg. Co	Sliding pole, etc.	38 65
	St. Louis Lantern Co	Repairing lanterns	6 95
	Henry Grassmuck	Hoof Pkg. and Scotland Food	21 00
	Bell Telephone Co	3 month service	25 00
	Fire Extinguisher Co.	Remodeling Royal Extinguisher	49 00
	Fire Extinguisher Co	Express prepaid	1 45
	American Fire Engine Co	Express paid on material	3 27
June, 1900.	John O'Brien B. W	Upright boilers and open tank	98 00
	South Side Supply Co	6 doz. carriage dusters	54 00
	West Disinfecting Co	64 gals. Endralyptone	96 00
	W. Hahn Hardw. Co	Sundry supplies	86 50
	Thos. Sexton S. & R. Co	Sundry supplies	75 00
	Moffitt-West Drug Co	Sundry supplies	15 00
	Meyer-Bannerman Co.	12 doz. curry combs & 3 doz. belts	37 05
	Bell Mfg. Co	5 gross No. 2 star polish	80 00
	St. Louis Viscol Agency.	10 gal. Viscol harness dressing	10 00
	Waters-Pierce Oil Co	5 bbls. coal oil	26 68
	American Fire Engine Co	Freight on material	40
	Fire Extinguisher Co.	Remodeling Royal Extinguisher	42 00
	Fire Extinguisher Co	Freight on Extinguisher	1 45
	M. M. Buck Mfg. Co	Repairing two lanterns	1 25
	J. M. Selzer	Sundry repairs	39 65
	Fred. Wagner & Son	Sundry repairs	14 10
	Scott Mfg. Co	Electric lights on Chief's buggy	45 00
	St. Louis Lantern Co	Repairing lanterns	6 80
	Kupferle Bros. Mfg. Co	Sundry repairs	1 20
	Bell Telephone Co	Service to Cincinnati, Ohio	2 60
	United States Awning Co,	Cleaning & putting up awning	10 00
	Hy. Grassmuck	Hoof Pkg. and Scotland Food	13 00
July, 1900.	Meyer Bros. Drug Co	75 lbs. camphor balls	3 75
	Wm. Hahn Hardw. Co.	1 Gr. pulleys and 2 lawn mowers	40 00
	Holcomb & Hoke Mfg. Co	12 No. 8 floor brushes	15 00
	American Tent & Awning Co	1 new awning	4 90
	Waters-Pierce Oil Co	4 bbls. coal oil	19 33

July, 1900.	Fred. Wagner & Son.....Sundry repairs	$8 50
	J. M. Selzer.....Sundry repairs	6 75
	Henry Grassmuck.....16 hoof packing	16 00
	Western Electric Co.....2 electric lamps	1 00
	Bell Telephone Co.....Telephone service for 3 months	31 25
	John Spuck.....Sundry repairs	23 00
	J. Ruppenthal & Son.....Sundry repairs	42 25
	New York Belting Co.....1 yard packing	2 80
	John O'Brien.....Repairing hot water boiler	3 35
	American Fire Engine Co.....Freight and material	40
	Fire Extinguisher Co.....6 acid receptacles	90 00
	Fire Extinguisher Co.....Freight on receptacles	38
	St. Louis Lantern Co.....Repairing lantern	4 10
	John E. Bonecum.....Repairing oil cans	2 25
Aug., 1900.	The Mound City Oil & Supply Co..1 bbl. Marine Cylinder oil.....	31 50
	The Mound City Oil & Supply Co.....1 bbl. engine oil	18 20
	Morrell Mfg. Co.....10 gal. exterminator	25 00
	Waters-Pierce Oil Co.....4 bbls. coal oil	19 52
	Meyer-Bannermann & Co.....12 doz. curry combs	22 80
	American Fire Engine Co.....Freight on material	1 89
	Fred. Wagner & Son.....Sundry repairs	3 00
	St. Louis Lantern Co.....Repairing lanterns	4 50
	Board of Trustees M. B. G.....6 months rents for lot	42 50
	John Bonecum.....Repairing oil cans	7 50
	Henry Grassmuck.....Hoof packing	13 00
	A. Booth Tool Co.....Repairing crow bars	1 20
	J. M. Selzer.....Sundry repairs	9 25
	J. Ruppenthal & Son.....Sundry repairs	21 65
Sept., 1900.	Ed. Hoffmann.....1 pr. hinges	1 75
	Kinloch Telephone Co.....3 months service	18 15
	Kupferle Bros. Mfg. Co.....Sundry repairs	46 45
	H. Stanley Mill Furn. Co.....Sundry repairs	53 29
	American Fire Engine Co.....Freight on material	70
	Simmons Hardware Co.....Sundry repairs	1 00
	John E. Bonecum.....Sundry repairs	25
	Geo. W. Reid.....Coach oil	48 15
	Wm. Hahn Hardware Co.....2 doz. wrenches	17 25
	Moffitt-West Drug Co.....2969 lbs. sulph. acid	74 22
	Waters-Pierce Oil Co.....5 bbls. coal oil	24 14
	South Side Supply Co.....Sundry supplies	576 85
	Whipple Insurance Co.12 months correction of fire maps	36 00
	Roth Tool Co.....Sharpening tools	60
	St. Louis Lantern Co.....Repairing lanterns	3 35
	Hy. Grassmuck.....Hoof packing and Scotland food	21 00
	Geo. Moeller.....20 doz. brooms	95 00
	Geo. P. Jones.....10 gal. Lard Oil	5 50
Oct., 1900.	Kupferle Bros. Mfg. Co.....Sundry repairs	98 30
	J. M. Selzer.....Sundry repairs	117 40
	P. J. Cooney Mfg. Co.....Sundry repairs	28 00
	American Fire Engine Co.....Freight on material	4 17
	M. M. Buck Mfg. Co.....Repairing lantern	1 00
	Moffitt-West Drug Co.....Varnish, soda and carboys	78 00
	West Disinfecting Co.....1 bbl. chloro. naptholeum	51 00
	Waters-Pierce Oil Co.....5 bbls. coal oil	23 87
	South Side Supply Co.....3 doz. chamois	22 80
	Wm. Hahn Hrdw. Co.....¼ doz. wire cutters	24 00
	Thos. Sexton S. & R. Co.....12 doz. galv. iron buckets	54 00
	B. Roth Tool Co.....Repairs	5 50
	J. Ruppenthal & Son.....Sundry repairs	28 50
	A. Whipple Ins. Co.....Correcting fire maps	20 00
	Hy. Grassmuck.....8 buckets hoof packing	8 00
Oct., 1900.	Dr. James Kelley.....Operating on 30 horses	60 00
	John O'Brien B. W.....Sundry repairs	9 75

Oct., 1900.	St. Louis Lantern Co	Repairing lanterns	$1 60
	Ed. Hogan	Sundry repairs	13)
	Bell Telephone Co	3 months' telephone service	31 25
	C. E. Swingley	Attending Firemen's Convention	106 10
Nov., 1900.	Kupferle Bros. Mfg. Co	Sundry repairs	68 02
	J. M. Selzer	Sundry repairs	29 90
	Fred. Wagner & Son	Sundry repairs	24 00
	P. J. Cooney Mfg. Co	Sundry repairs	44 00
	New York Belting & Pkg. Co	Sundry repairs	38
	M. M. Buck Mfg. Co	370 lbs. grease	6 50
	J. Ruppenthal	Sundry repairs	12 55
	St. Louis Lantern Co	Repairing lanterns	6 50
	The Mound City Oil & S. Co	1 bbl. cylinder oil	31 20
	Moffitt-West Drug Co	5 cases of toilet soap	37 50
	W. Hahn Hrdw. Co	Copper wire and drinking cups	74 20
	John O'Brien B. W	Sundry repairs	36 78
	West Disinfecting Co	66 gal. of Echalyptome	99 00
Dec., 1900.	The Mound City Oil & S. Co	52 gal. engine oil	18 20
	The Mound City Oil & S. Co	Bbl. Marine cylinder oil	30 60
	Waters-Pierce Oil Co	5 bbls. coal oil	22 75
	Thos. Sexton S. & R. Co	3 sheets galv. iron	3 75
	Fred. Wagner & Son	Sundry repairs	7 20
	J. M. Selzer	Sundry repairs	6 35
	Kupferle Bros. Mfg. Co	Sundry repairs	3 03
	J. Ruppenthal & Son	Sundry repairs	17 40
	John E. Bonecum	Sundry repairs	31 50
	St. Louis Lantern Co	Repairing lanterns	1 05
	Mound City Battery Co.	Repairing batteries	3 80
	Kinloch Telephone Co	3 months' service	15 00
	New York Belting & P. Co	14 lbs. packing	2 80
	Christ. Steljes	Pasturing 1 horse 1 month	8 00
Jan., 1901.	South Side Supply Co	15 boxes soap	38 55
	Meyer-Bannermann	3 doz. driving whips	49 80
	Commercial Electric Co	3 special wall brackets	7 32
	The Bell Mfg. Co	5 gross No. 2 liq. polish	80 00
	Geo. Mueller	10 doz. ex. heavy brooms	45 00
	J. M. Selzer	Sundry repairs	9 75
	P. J. Cooney Mfg. Co.	Sundry repairs	10 25
	Fred. Wagner & Son	Sundry repairs	3 50
	Kupferle Bros. Mfg. Co	Sundry repairs	60
	Bell Telephone Co.	Telephone service	18 40
	M. M. Buck	Flax packing	31 25
	Aug. Kern Barbers' S. Co.	Sharpening clipping machines	6 68
	St. Louis Lantern Co	Repairing lanterns	34 50
	Ruppenthal & Son	Sundry repairs	8 80
Feb., 1901.	J. M. Selzer	Sundry repairs	14 00
	P. J. Cooney Mfg. Co	Sundry repairs	6 50
	Kupferle Bros. Mfg. Co	Sundry repairs	40
	Board of Trustees Mo. B. Garden	Rent for lot	42 50
	St. Louis Lantern Co.	Repairing lanterns	2 15
	Dr. James C. Kelley	Operating on 25 horses	50 00
	C. Steljes	Pasturing horse 2 months	16 00
	J. Ruppenthal & Son	Sundry repairs	16 50
	Moffitt-West Drug Co	25 kegs soda	63 00
	Waters-Pierce Oil Co	5 bbls. coal oil	43 54
	The Mound City Oil Co	1 bbl. Marine oil	32 40
Mar., 1901.	St. Louis Lantern Co	Repairing lanterns	10 40
	C. Steljes	Pasturing 1 horse 1 month	8 00
	Simmons Hardware	Sundry supplies	50 50
	Total		$5,216 98

SALARY ACCOUNT.

April, 1900.	Department pay-roll for month of April, 1900	$46,298 85
May, 1900.	Department pay-roll for month of May, 1900	46,204 18
June, 1900.	Department pay-roll for month of June, 1900	46,391 99
July, 1900.	Department pay-roll for month of July, 1900	46,226 27
Aug., 1900.	Department pay-roll for month of August, 1900	46,153 36
Sept., 1900.	Department pay-roll for month of September, 1900	46,239 83
Oct., 1900.	Department pay-roll for month of October, 1900	46,380 83
Nov., 1900.	Department pay-roll for month of November, 1900	46,429 99
Dec., 1900.	Department pay-roll for month of December, 1900	46,470 48
Jan., 1901.	Department pay-roll for month of January, 1901	46,509 83
Feb., 1901.	Department pay-roll for month of February, 1901	46,679 96
Mar., 1901.	Department pay-roll for month of March, 1901	46,544 18
		$556,529 75
	Unpaid bills from last fiscal year	$256 69
	Unpaid bills for present fiscal year	7,005 60

CREDIT ACCOUNT.

Overpaid F. Reimler for services rendered Department August, 1900	$ 11 49
12 unserviceable horses	452 60
Various lengths of condemned hose	308 65
M T oats sacks	94 50
	$867 24

RECAPITULATION EXPENDITURES.

Damages	$ 146 91
Fuel account	6,718 93
Furniture and repairing same	1,067 58
Harness account	1,926 13
Horse feed and bedding account	17,492 18
Horseshoeing account	8,596 73
Ice account	768 78
Material for emergency eng. repairing	1,723 95
Miscellaneous account	5,216 98
Repairing engines account	5,639 86
Repairing hook and ladder account	4,916 70
Water Tower account	192 15
Repairing hose carriages and wagons	8,905 00
Stationery and printing and office expenses	147 95
Veterinary surgeon and horse medicine account	1,534 83
Horse account	5,985 00
New engine	4,700 00
New hose couplings, and repairing same	22,601 55
Labor, material and repairing buildings	10,249 71
Salary account	556,529 75
Unpaid bills for last fiscal year	256 69
	$665,317 36

Respectfully,
BEN. E. SWINGLEY,
Secretary.

WORK DONE BY COMPANIES.

Company.	No.	Number of Alarms Responded To.	Number of Fires Performed Duty At.	Time Worked. Hours.	Time Worked. Min.	Number of Feet of Hose in Service. 3-in.	2½-in.	1-in.	¾-in.	Number of Fires Extinguished by Chemical.
Engine Co.	1	146	41	61	15		17,800			
" "	2	47	19	9	15		5,650			
" "	3	75	33	45	10		14,200			
" "	4	280	70	142			23,050		4,050	5
" "	5	149	63	82	50		29,000			
" "	6	261	70	83	30	1,500	25,150			
" "	7	207	65	74	20		19,850		1,000	11
" "	8	87	26	57	20		11,950			
" "	9	156	52	99	45		18,850		2,300	8
" "	10	277	65	79	65		17,450		4,650	19
" "	11	86	29	55			10,250			
" "	12	229	50	67	10		25,000	2,100		8
" "	13	319	42	59	20		21,950		4,400	18
" "	14	259	75	75	10	1,500	22,000	10,250		25
" "	15	177	42	58	40	2,150	17,800			
" "	16	162	51	114	45		21,200		3,000	13
" "	17	251	61	83			21,550		2,800	8
" "	18	263	71	127	15		25,550		2,350	15
" "	19	121	43	67	20		17,300		1,450	6
" "	20	59	22	52	25		10,400			
" "	21	213	57	47	45		18,350	5,150		21
" "	22	107	32	72	30		19,500			
" "	23	161	49	86		1,850	18,750			
" "	24	204	54	67	40		17,200	3,800		11
" "	25	169	62	102			17,950	4,400		23
" "	26	63	32	57	30		12,000			
" "	27	177	59	57			26,900	3,350		15
" "	28	159	33	72	30		29,750	1,700		4
" "	29	90	37	42	25		13,550	2,150		5
" "	30	85	41	63	30		11,740		3,000	12
" "	31	70	29	43	20		10,050			
" "	32	283	64	66	10		22,100	5,250		24
" "	33	114	34	64	15		14,400		600	3
" "	34	34	10	6	45		2,200	1,000		4
" "	35	37	12	29			6,100	1,800		7
" "	36	83	30	45			13,850	1,600		4
" "	37	18	17	14	25		4,000	200		1
" "	38	43	15	16	15		6,900			
" "	39	146	90	93	50		14,700		5,700	32

Company.	No.	Number of Alarms Responded To.	Number of Fires Performed Duty At.	Time Worked. Hours.	Time Worked. Min.	Number of Feet of Ladders Raised.	Number of Fires Extinguished by Chemical.
Hook and Ladder Co	1	230	103	130	25	1,840	3
" " " "	2	285	103	130	25	4,435	3
" " " "	3	317	145	114	20	3,683	12
" " " "	4	364	138	296		6,665	19
" " " "	5	221	85	44	30	1,081	2
" " " "	6	249	98	149	50	2,771	9
" " " "	7	208	100	121	45	2,276	4
" " " "	8	342	127	115	15	2,215	10
" " " "	9	246	146	114	30	2,359	11
" " " "	10	33	29	39	20	542	5
" " " "	11	52	35	16	05	573	3
" " " "	12	90	42	82	30	1,225	
Water Tower Co	1	45	1	2	30		
" " "	2	117	4	12			

DESCRIPTION OF ENGINES.

Number.	Size.	Description.	Year Built.	Built by	Capacity Gals. per Minute.
1	2	Crane neck double pump	1895	American Fire Engine Co.	700
2	3	Straight frame double pump	1884	Ahrens Mfg. Co	550
3	3	Straight frame double pump	1884	Ahrens Mfg. Co	550
4	2	Crane neck double pump.	1897	American Fire Engine Co.	700
5	3	Straight frame double pump	1880	Ahrens Mfg. Co	550
6	1	Crane neck double pump	1898	American Fire Engine Co.	950
7	1	Crane neck double pump	1891	Ahrens Mfg. Co	750
8	3	Crane neck double pump.	1894	American Fire Engine Co.	550
9	1	Crane neck double pump	1894	American Fire Engine Co.	750
10	1	Crane neck double pump.	1888	Ahrens Mfg. Co	750
11	3	Crane neck double pump.	1895	American Fire Engine Co.	600
12	1	Crane neck double pump.	1892	Ahrens Mfg. Co.	800
13	1	Crane neck double pump.	1891	Ahrens Mfg. Co.	750
14	1	Crane neck double pump.	1901	American Fire Engine Co.	950
15	1	Crane neck double pump.	1898	American Fire Engine Co.	950
16	3	Crane neck double pump.	1893	American Fire Engine Co.	600
17	3	Straight frame double pump	1884	Ahrens Mfg. Co	550
18	1	Crane neck double pump.	1893	American Fire Engine Co.	750
19	3	Crane neck double pump.	1892	American Fire Engine Co.	600
20	4	Crane neck double pump.	1896	American Fire Engine Co.	500
21	3	Straight frame double pump	1885	Ahrens Mfg. Co	550
22	1	Crane neck double pump.	1890	Ahrens Mfg. Co	750
23	1	Crane neck double pump.	1897	American Fire Engine Co.	950
24	1	Crane neck double pump.	1887	American Fire Engine Co.	700
25	1	Crane neck double pump.	1888	American Fire Engine Co.	750
26	2	Crane neck double pump.	1895	American Fire Engine Co.	700
27	3	Crane neck double pump.	1887	Ahrens Mfg. Co	550
28	3	Crane neck double pump.	1888	Ahrens Mfg. Co	550
29	3	Crane neck double pump.	1889	Ahrens Mfg. Co	550
30	4	Crane neck double pump.	1900	American Fire Engine Co.	550
31	4	Straight frame double pump	1878	Ahrens Mfg. Co	500
32	2	Crane neck double pump.	1897	American Fire Engine Co.	650
33	3	Crane neck double pump.	1895	American Fire Engine Co.	550
34	3	Crane neck double pump.	1892	American Fire Engine Co.	550
35	4	Crane neck double pump.	1882	Ahrens Mfg. Co	450
37	3	Straight frame double pump	1885	Ahrens Mfg. Co	550
38	4	Crane neck double pump.	1900	American Fire Engine Co	550
39	2	Crane neck double pump.	1892	American Fire Engine Co.	700
Reserve 1	2	Straight frame single pump	1871	Ahrens Mfg. Co.	600
2	3	Straight frame single pump	1875	Ahrens Mfg. Co.	500
3	2	Straight frame single pump	1878	Ahrens Mfg. Co.	600
4	2	Straight frame single pump	1872	Ahrens Mfg. Co.	600
5	2	Straight frame single pump	1871	Ahrens Mfg. Co.	600
6	3	Straight frame single pump	1876	Ahrens Mfg. Co	500
7	2	Straight frame single pump	1872	Ahrens Mfg. Co	600
8	2	Crane neck double pump.	1886	Ahrens Mfg. Co.	650
Pumping Engine 1	1	Straight frame single pump	1875	Ahrens Mfg. Co.	1400

DESCRIPTION OF HOSE WAGONS AND REELS.

NUMBER.	HORSES.	HOSE CAPACITY. 2½ in.	HOSE CAPACITY. 3 in.	CAPACITY OF CHEMICAL.	BUILT BY
1	2	1000			P. J, Cooney Mfg. Co., St. Louis.
2	2	1000			P. J. Cooney Mfg. Co., St. Louis.
3	2	800		35 gal.	P. J. Cooney Mfg Co , St. Louis.
4	2	750		35 gal.	Rebuilt by J. M. Selzer, St. Louis.
5	2	800			P. J. Cooney Mfg. Co., St. Louis.
6	2	750	600		F. Wagner & Son, St. Louis.
7	2	750		35 gal.	F. Wagner & Son, St. Louis.
8	2	800		35 gal.	P. J. Cooney Mfg. Co., St. Louis.
9	2	750		35 gal.	P. J. Cooney Mfg. Co., St. Louis.
10	2	750		35 gal.	Rebuilt by J. Kimpel, St. Louis.
11	2	1000			Rebuilt by F. Wagner & Son, St. Louis.
12	2	750		50 gal.	Rebuilt by J. M. Selzer, St. Louis.
13	2	750		35 gal.	Rebuilt by P. J. Cooney, St. Louis.
14	2	750	600		Rebuilt by J Kimpel, St. Louis.
15	2	750	600		F. Wagner & Son, St. Louis.
16	2	750		35 gal.	Rebuilt by F. Wagner & Son, St. Louis.
17	2	750		35 gal.	Rebuilt by J. M Selzer, St. Louis.
18	2	750		50 gal.	P. J. Cooney Mfg. Co., St. Louis.
19	2	750		35 gal.	P. J. Cooney Mfg. Co., St Louis.
20	2	1000			P. J. Cooney Mfg Co , St. Louis.
21	2	1000		50 gal.	P. J. Cooney Mfg. Co., St. Louis.
22	2	750			Rebuilt by F Wagner & Son, St. Louis.
23	2	750	600		F. Wagner & Son, St. Louis.
24	2	750		50 gal.	J. Kimpel, St. Louis.
25	2	750		50 gal.	Rebuilt by J. M. Selzer, St. Louis.
26	2	1000			P. J Cooney, St. Louis.
27	2	1000		50 gal.	Rebuilt by J. M. Selzer, St. Louis.
28	2	1000		50 gal.	Rebuilt by J. M. Selzer, St. Louis.
29	2	800		35 gal.	P. J. Cooney Mfg. Co., St. Louis.
30	2	800		30 gal.	P. J. Cooney Mfg. Co., St. Louis.
31	2	1000			P. J. Cooney Mfg. Co., St. Louis.
32	2	750		50 gal.	Rebuilt by F. Wagner & Son, St. Louis.
33	2	750		35 gal.	P. J. Cooney, St Louis.
34	2	1000		50 gal.	Rebuilt by P. Wagner, St. Louis.
35	2	1000		50 gal.	
36	2	1000		50 gal.	J. M. Selzer, St. Louis.
37	2	1000		50 gal.	P. J. Cooney, St. Louis.
38	2	1000			Rebuilt by F. Wagner & Son, St. Louis.
39	2	800		50 gal.	P. J. Cooney, St. Louis.

DESCRIPTION OF HOOK AND LADDER TRUCKS.

NUMBER.	SIZE.	DESCRIPTION.	BUILT BY
1		City Service.	P. J. Cooney, St. Louis.
2		City Service.	P. J. Cooney, St. Louis.
3	1	Hayes Aerial.	La France Fire Engine Co., Elmira, N. Y.
4	1	Babcock Aerial.	Fire Extinguisher Mfg. Co., Chicago, Ill.
5	2	Hayes Aerial.	J. M. Selzer, St. Louis.
6	1	Hayes Aerial	La France Fire Engine Co., Elmira, N. Y.
7	2	Babcock Aerial.	Fire Extinguisher Mfg. Co., Chicago, Ill.
8	1	Babcock Aerial.	Fire Extinguisher Mfg. Co., Chicago, Ill.
9		City Service.	P. J. Cooney, St. Louis.
10		City Service.	P. J. Cooney, St. Louis.
11		City Service.	P. J. Cooney, St Louis.
12		City Service.	Fire Extinguisher Mfg Co., Chicago, Ill.
Reserve 1	2	Hayes Aerial.	La France Fire Engine Co., Elmira, N. Y.
2		City Service.	Fire Extinguisher Mfg. Co., Chicago, Ill.
3		City Service.	P. Wagner C. & W. Co., St. Louis.

STATEMENT OF HOSE IN SERVICE.

		No. of Feet Cotton.		No. of Feet Rubber.				CONDITION.
		3 In.	2½ In.	3 In.	2½ In.	1 In.	¾ In.	
Engine Co...	1	.. .	1600	....	....	100	...	First class.
" "	2	.....	2000	.. .	....	100	....	" "
" "	3	. ....	1600	....	....	300		" "
" "	4	....	1500	....	....	50	200	" "
" "	5	.....	1600	.. .	.....	100	...	" "
" "	6	1200	1500	....	....	100		" "
" "	7	.....	1600	....	...	50	200	" "
" "	8	.....	1500	.....	....	50	200	" "
" "	9	.... ..	1500	.....	..	50	300	" "
" "	10	.... ..	1600	.. .	....	50	250	" "
" " ...	11	.... ..	1500	.. .	..	50	.	" "
" " ...	12	.... ..	1500	.....	..	300		" "
" "	13	.....	1500	....	..	50	200	" "
" "	14	1200	1650	..	..	100	..	" "
" " ...	15	1200	1500	....	..	50	....	" "
" " ..	16	.....	1600	....	..	100	200	" "
" " ...	17	.....	16 0	....	....	300		" "
" "	18	.. ....	1500	.....	..	50	250	" "
" "	19	.....	1500	....	..	100	200	" "
" "	20	.....	1850	....	..	100	....	" "
" "	21	.....	1500	....	..	300	....	" "
" "	22	.....	1500	.....	...	100	....	" "
" "	23	1500	1500	....	....	50	.	" "
" "	24	.... ..	1500	....	..	300	...	" "
" "	25	...	1500	...	....	300	...	" "
" "	26	.....	1500	. .	....	50	....	" "
" "	27	.....	1600	.....	..	50	200	" "
" "	28	.... ..	1600	.. .	..	450	.	" "
" "	29	.....	2500	....	..	50	200	" "
" "	30	.....	1500	.. .	..	50	250	" "
" "	31	.... ..	2260	..	...	100	....	" "
" "	32	.. ....	1500	.. .	....	250		" "
" " ...	33	.....	1600	...	...	100	200	" "
" " ...	34	.....	2000	...	....	300	..	" "
" " ...	35	.....	2000	....	..	350	..	" "
" " ...	36	.....	2200	....	..	300	....	" "
" "	37	.....	2000	....	....	200	....	" "
" " ...	38	.....	2000	....	...	50	....	" "
" "	39	.....	1500	....		50	200	" "
H. L.	3	.... ..	.....	.. .	50	....		" "
"	4	.....	.....	....	50	..	....	" "
"	5	.. ....	50	.....	....	....	....	" "
"	6	.....	50	.....	....	....	....	" "
"	7	.....	50	....	..	....	....	" "
"	8	. .	50	....	..	....	....	" "
W. T.....	1	60 8½	.....	1	....	....	....	" "
"	2	120 3½	.....	60 8½	....	....	....	" "
Reserved ...		.. ....	5700	.....	6300	....	400	Cotton, first class; rubber, second class.
Condemned...			6400	....	6600	....	....	Unfit for further service.

CAUSE OF ALARMS.

Accidental	9	Gasoline lamps	4
Baker's oven	3	Gasoline tanks	3
Balloon falling on roof	6	Gas stoves	4
Boiling over kettle of tar	6	Hot ashes	71
Bonfires	5	Incendiary (supposed)	33
Breaking of glass gauge	1	Ignition of grease	5
Burning rubbish, etc	35	Ignition of chemicals	8
Burning soot dropping down chimney	11	Lace curtain and open lights	16
Burning out of chimney	66	Lighting fire with coal oil	1
Bursted steam pipe	1	Lighting	3
Carelessness	20	Meat dripping	3
Carelessness with gasoline	6	Mice and matches	5
Charcoal stoves	2	Overheated boiler	2
Children and matches	18	Overheated furnace	11
Christmas tree	2	Overheated stoves	22
Cleaning with gasoline	5	Overheated stove pipe	2
Clothing too near stove	5	Overheated ovens	3
Coal oil lamps	48	Open lights	10
Coal oil stoves	2	Rekindling of former fires	16
Constant heating	3	Set by boys	37
Defective automatic sprinklers	114	Smoking by men	1
Defective grates	11	Smoking in bed	1
Defective gas pipes	9	Sparks from chimney	94
Defective flues	60	Sparks from smokestack	14
Defective stoves	10	Sparks from locomotives	15
Dump fires	2	Sparks from grate	10
Dropping hot iron	2	Sparks from furnace	7
Dropping lighted cigars and cigarettes	16	Sparks from stoves	10
Dropping lighted match	39	Sparks from cupola	3
Explosion of chemicals	3	Sparks from open flues	9
Explosion of gas	9	Sparks from street fires	3
Electricity	8	Sparks from forge	2
Electric wires	31	Sparks from another fire	1
Electric converter	3	Sparks from blow pipe	1
Fireworks	19	Spontaneous combustion	10
Falling stovepipe	1	Spontaneous combustion (supposed)	11
Falling buildings	3	Stepping on a match	5
Friction of machinery	2	Thawing out water pipe	2
Fumigating	5	Tinner's fire pot	1
False alarms	111	Unknown	550
Gas jets	12	Unnecessary	49
Gasoline stoves	131	Unslacked lime	1
Gasoline cans	2	Upsetting lantern	1
		Wood too near stove	4

USE OF BUILDINGS IN WHICH FIRES ORIGINATED.

Architectural works	1	Carriage and wagon shops	5
Boarding houses	17	Carpenter shops	7
Boarding houses, female	13	Car works	1
Bakeries	10	Chain factories	2
Barber shops	2	Chemical factories	7
Banks	1	Children's play houses	2
Bed spring factories	2	Chicken houses	3
Bagging warehouses	2	Churches	4
Bicycle repair shops	3	Cigar factories and stores	7
Blacksmith shops	4	Court houses	2
Boiler rooms	8	Cooper shops	1
Butcher shops	5	Commission and produce houses	3
Boots and shoes, wholesale	1	Dry goods, wholesale	2
Boots and shoes, retail	3	Dry goods, retail	12
Box factories	3	Drug stores	9
Candy factories and stores	6	Dwellings	597

Elevators	1	Paint and oil stores	6
Feed stores	1	Photograph galleries	2
Florist stores	2	Poor house	1
Furnished rooms	42	Pork houses	3
Furniture stores	4	Plumbing shops	1
Furniture factories	5	Publishing houses	12
Fume houses	1	Queensware stores	1
Factories, various	17	Restaurants	22
Gents' furnishing goods	2	Railroad depots	2
Glass works	1	Rattan & willowware warehouses	2
Grocery stores	33	Rag warehouses	3
Hardware stores	1	Saloons	13
Harness and saddlery stores	2	Sheds, wood and coal	216
Hat stores	1	Sheds, various	5
Hay warehouses	5	Schools	1
Hospitals	5	Schools, swimming	1
Hotels	3	Second-hand stores	6
Ice houses	3	Shirt factories	1
Ice cream factory	1	Shoe factories	10
Iron foundries	11	Shaving vaults	2
Jewelry stores	2	Smoke houses	2
Kitchens	5	Storage, general	35
Ladies' tailoring	2	Stove factories and stores	4
Laundries	8	Stables	60
Livery stables	2	Steam boats	1
Lunch stands	10	Sand barges	2
Lodging houses	5	Soap factories	1
Lodge halls	7	Show-case factory	1
Machine shops	1	Tailor shops	20
Mattress factories	1	Tenement houses	30
Malt houses	1	Theatres	2
Marble works	1	Tobacco factory	1
Millinery stores	5	Upholstering shops	2
Music stores	1	Unfinished buildings	2
Notion stores	5	Vacant buildings	44
Novelty houses	2	Vinegar factory	1
Nickel plating works	1	Wall paper store	1
Office buildings	12	Wool scouring factory	1

CLASSIFICATION OF BUILDINGS IN WHICH FIRES ORIGINATED

2 story stone front	29	9 story brick	1
1½ story stone front	2	10 story brick	1
3 story stone front	21	13 story brick	1
4 story stone front	4	1 story brick and frame	9
5 story stone front	1	1 and 2 story brick and frame	3
1 story brick	64	2 story brick and frame	11
1½ story brick	3	1 story frame	141
1 and 2 story brick	5	1½ story frame	34
2 story brick	496	1 and 2 story frame	4
2½ story brick	6	2 story frame	98
2 and 3 story brick	6	2½ story frame	1
3 story brick	173	1 story stone	1
4 story brick	43	3 story stone	1
5 story brick	9	Churches	4
6 story brick	11	Sheds	216
7 story brick	10	Stables	60

MISCELLANEOUS FIRES AND FIRES OUTSIDE OF BUILDINGS.

Ash pits	30	Fences	10
Awnings	11	Lumber yards	4
Coal chutes	2	Platforms (various)	5
Dumps	6	Railroad freight cars	4
Empty boxes, rubbish, etc	35	Railroad ties	2
Electric wires	9	Sand barges	2

Steamboats	1	Wagons (hay)	3
Street railroad cars	13	Wagons (various)	4
Street fires	3	Water closets	5
Telegraph poles	6	Vacant lots	10
Tanks (tar coal)	3		

NOTABLE FIRES.

April 1, 1900. One story brick building owned and used by Adolphus Busch as a glass house. Value, $80,000. Insurance, $60,000. Loss, $70,000. Cause unknown.

April 21, 1901. 14-16-18 South Sixth street, two and three story brick building owned and used by the St. Louis Evening Chronicle as a newspaper office. Value, $54,500. Insurance, $21.000. Loss, $21,389. Cause unknown.

April 30, 1900. 2301 North Eleventh street, four story brick building owned and used by C. E. Ramlose as a shoe factory. Value, $82,200. Insurance, $61,000. Loss, $26,100. Cause unknown.

May 5, 1900. One story frame metal clad building 100 x 500 feet, owned and used by the Mississippi Valley, Hay and Storage Co., and the Hafner-Lothman Lumber Yard. Value, $238,195. Insurance, $183,850. Loss, $130,092. Cause unknown.

May 13, 1900. 120 South Commercial street, three story brick building owned by Connors Bros. Grain Co., and used by the Missouri Belting Co., as a factory. Value, $44,500. Insurance, $39,000. Loss, $28,162. Cause, sparks from boiler.

May 15, 1900. Levee between Hall and Dock streets, one story frame metal clad building owned and used by the Mississippi Valley Hay and Storage Co. Value, $12,600. Insurance, $4,000. Loss, $11,000. Cause unknown.

July 3, 1900. 2115 to 2123 South Second street, two story brick and frame building owned and used by the St. Louis Wood Pump and Pipe Co., as a factory. Value, $50,000. Insurance, $37,200. Loss, $17,000. Cause unknown.

September 2, 1900. 526 Franklin avenue, three story brick building owned by I. Z. Smith and used by Edward Rethwilm as a clothing store. Value, $35,000. Insurance, $35,000. Loss, $12,900. Cause unknown.

September 20, 1900. 2002 Morgan street, two story brick building owned by Frank Ring and used by John Becker for storage of vehicles. Value, $50,000. Insurance, $48,000. Loss, $32,000.

September 21, 1900. Foot of Locust street, Steamboat War Eagle, Carrier and Wharf Boat, owned by the Eagle Packet Co. and the Calhoun Packet Co. Value, $77,100. Insurance could not be ascertained. Loss, $25,100. Cause, lighted match or cigarette.

November 6, 1900. 1314 Merchant street, four story brick building owned and used by Weisert Bros., as a tobacco factory. Value, $28,000. Insurance, $25,000. Loss, $19,400. Cause unknown.

December 8, 1900. Spring Avenue and Lindell Boul., one story stone church owned, and used by the St. Peter's Pro. Esp. Congregation. Value, $80,000. Insurance, $47,000. Loss, $18,042. Cause, overheated furnace.

December 10 1900. 717-19 Lucas avenue, six story brick building owned by Paramore Bros., and used by various tenants as wholesale establishments. This involved 713-15, six story brick building, 724 to 730, seven story brick building and 516 to 526, same class of building. Value, $643,800. Insurance, $541,150. Loss, $48,800. Cause unknown.

January 26, 1901. 501-03-05 N. Main street, owned by Bradford Shinkle and used by Udell-Sampson Woodenware Co. Value, $91,500. Insurance, $67,000. Loss, $14,000. Cause unknown.

March 3, 1901. Southwest corner 18th and McNulty streets, one and two story

brick building owned and used by the St. Louis Transit Co., as a car shed. Value, $21,000. Insurance, $17,000. Loss, $14,000. Cause unknown.

March 18, 1901. Cherokee and I. M. R. R. tracks, frame ice houses, residences, repair shops of the American Car and Foundry Co. Through the almost total lack of water, this fire assumed alarming proportions, involving several blocks. Value, $89,200. Insurance, $68,000. Loss, $85,150. Cause unknown.

March 18, 1901. Miller between Levee and Main street, one story frame owned and used by the St. Louis Steam Forge works as an iron works and foundry. Value, $55,000. Insurance, $45,737. Loss, $40,974. Cause unknown.

March 22, 1901. 1940 to 1946 Cass avenue, two and three story brick building owned and used by the Central Planing Mill Co. as a planing mill. Value, $33,000. Insurance, $16,000. Loss, $15,000. Cause unknown.

March 27, 1901. 500-02 N. Main street, four story brick building owned by Shaw Estate, and used by Eddy & Eddy, grocers' sundries. Value, $114,000. Insurance, $88,000. Loss, $88,000.

IS, 1900.

ORIGIN.	Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
	$ 30,000	$ 50,000	$ 80,000	$ 20,000	$ 40,000	$ 60,000	$ 25,000	$ 45,000	$ 70,000	$ 20,000	$ 40,000	$ 60,000
in												
ove												
ove												
the above												
n chimney	1,800	200	2,000	800			5		5	5		5
n chimney	1,500	300	1,800	400			15		15	15		15
n stove	3,200	800	4,000	3,000	500	3,500		25	25		25	25
	500	1,000	1,500	400			300	50	350	300		300
supposed	2,000	1,800	3,800	500	1,600	2,100	500	500	1,000	500	500	1,000
	700	50	750	500			50					
ove												
	600	50	650				200	50	250			
	2,500	1,600	4,100	1,900	1,500	3,400	10		10	10		10
t chimney												
n stove	200	100	300					5	5			
as pipe	6,000	1,000	7,000	3,500	1,000	4,500	75	25	100	75	25	100
d matches	6,500	3,500	10,000	5,000	3,000	8,000	50	50	100	50	50	100
n chimney												
n chimney												
	60			50			50		50	50		50
ove	200	700	900	150	600	750	150	275	425	150	275	125
ove	40			40			40		40	40		40
ove	6,000			5,000			10		10	10		10
ove	6,000			5,000			5		5	5		5
ove												
	2,000	600	2,600	1,500	300	1,800	50	10	60	50	10	60
n chimney	3,000	1,000	4,000	1,500	500	2,000	5		5	5		5
lue	2,000	300	2,300				10		10			
	5,000	3,000	8,000	3,500	2,700	6,200	25	50	75	25	50	75
lue	1,000						25		25			
ove	1,000						10		10			
ove	1,800			1,200			300		300	300		300
n chimney	1,000	300	1,300	750	200	950	5		5	5		5
	150	200	350				100	75	175			
n locomotive												
	7,000	1,200	8,200	3,000	1,000	4,000	75	500	575	75	500	575
	75	100	175				50	50	100			
ove	75						75		75			
ove	75						75		75			
ove												
lue												
s with matches	7,000	2,000	9,000	6,500	1,800	8,300		50	50		50	50
n locomotive	400	75	475				100	25	125			
n chimney	500	200	700	500			65		65	65		65
gas	4,000	1,600	5,600	2,000	800	2,800	700	1,000	1,700	700	800	1,500
	600	400	1,000				400	250	650			
ove	1,100	500	1,600	800	300	1,100	50		50	50		50
n smoke stack	200			200			50		50	50		50
	1,400			1,000			25		25	25		25
prinkler												
ove												
n chimney	3,500	500	4,000	2,500	300	2,800	15		15	15		15
n chimney	3,500	150	3,650	1,700			5		5	5		5
s, gasoline												
	50	5	55				50	5	55			
	50						50		50			
e												
am pipe												
	100						10		10			
ghted cigarette	9,000	3,000	12,000	5,000	2,000	7,000		5	5		5	5
gasoline vapor	4,500	1,800	6,300	4,000	1,000	5,000	50	250	300	50	250	300
	10,000	7,000	17,000	5,000	7,000	12,000	185	500	685	185	500	685
rate	5,000	1,600	6,600	4,500	1,100	5,600	100	125	225	100	125	225
supposed	1,500	500	2,000	1,000	500	1,500	16	100	116	16	100	116
	100						75		75			
ove	100						100		100			
	250			250			125		125	125		125
	200	1,000	1,200	150			3	10	13	3		3
	50			50			50		50	50		50
ove	50						10		10			
	150	100	250				150	100	250			
ove	100	25	125				100	15	115			
ove	450	50	500	300			450	50	500	300		300
ove												
e pipe	600	500	1,100	400	400	800	50	190	240	50	190	240
lue	3,000	300	3,300	2,500	300	2,800	30		3	3		3
n chimney												
	4,800	1,800	6,600	3,800	1,400	5,200	8	12	20	8	12	20
	10						5		5			
	5,000						500					
prinkler												
ove	200	100	300				75	50	125			
ove	100						30		30			
ove	50						10		10			
ove	50						5		5			

ANNUAL REPORT

OF THE

SUPT. OF FIRE AND POLICE TELEGRAPH,

For the Fiscal Year ending April, 1901.

ST. LOUIS, MO., April, 1901.

Hon. Rolla Wells, Mayor:

DEAR SIR — I have the honor to present this my Annual Report for the fiscal year ending April, 1901: —

Since my last report the work of underground ing the city wires, within the district bounded by Spruce street on the south, Wash street on the north, the river on the east and Twenty-third street on the west, has been completed. The magnitude of the work may perhaps best be realized by the statement that there is above five hundred and sixty miles of copper conductor and about forty-seven miles of conduit. All the fire alarm and police patrol boxes have been placed upon substantial, neat iron pedestals. The old central fire alarm office at the Court House has been abandoned and a new and modern central office located in the New City Hall. All of the wire has been removed from the poles in the underground district; all the poles have been taken down and removed; the old and unsightly police patrol boxes have been replaced by new and modern boxes.

The inspection of two thousand miles of wire, one thousand fire alarm boxes, five hundred telephones; the mechanism and instruments in all engine houses, police stations and public buildings, has required the constant and faithful attention of all the employes connected with this department, for which I wish to thank them. I also wish to thank Mr. A. J. O'Reilly, the Supervisor of City Lighting, for the very valuable assistance rendered this department, especially in connection with undergrounding the wires.

I have the honor to remain,

Yours very truly,

SILAS BENEDICT,

Superintendent, Fire and Police Telegraph.

The total amount expended for operating and sustaining the department during the twelve months ending April 10th, 1901, was seventy-two thousand eight hundred and forty-nine dollars and twenty-seven cents ($72,849.27). Total amount appropriated, seventy-two thousand eight hundred and eighty-six dollars and eleven cents ($72,886.11), leaving a balance of thirty-six dollars and eighty-four cents ($36.84).

This department has expended for underground work twenty-five thousand eight

hundred and eighty-three dollars and seventy-six cents ($25,883.76); out of that amount has been purchased twenty-five fire alarm boxes which cost two thousand and five hundred dollars ($2,500), and twenty-three thousand three hundred and eighty-three dollars and seventy-six cents ($23,383.76) has been expended for labor, cables, laterals and removing telegraph poles in the underground district.

AMOUNT EXPENDED AS PER APPROPRIATION MADE FOR 1900 AND 1901.

For labor and material for reconstructing, repairing and maintaining lines and apparatus now in use, replacing worn-out apparatus, office expenses, printing, stationery, car tickets, keeping and shoeing horses, replacing horses and vehicles useless for further service, repairing vehicles and harness, hire of horses and vehicles, rent of telephones and service transmitting time: —

	Appropriation.	*Amt. Expended.*	*Balance.*
.....	$21,450 00	$21,417 14	$32 86
Salaries.....	24,300 00	24,300 00	.....
New lines, labor, etc.....	1,250 00	1,248 37	1 63
Underground work.....	25,886 11	25,883 76	2 35
Total.....	$72,886 11	$72,849 27	$36 84
Amount paid into City Treasury for old material sold.....			$322 31

ESTIMATE FOR EXPENSES FOR THE FISCAL YEAR ENDING APRIL, 1902.

For labor and material for reconstructing, repairing and maintaining lines and apparatus now in use, replacing worn-out apparatus, office expenses, printing, stationery, car tickets, keeping and shoeing horses, replacing horses and vehicles useless for further service, repairing vehicles and harness, hire of horses and vehicles, rent of telephones and service transmitting time..	$ 25,000 00
For salaries of Superintendent, operators, Chief of Construction, Repairers, Inspectors and Batteryman	24,300 00
For labor and material putting up new lines and apparatus.....	3,000 00
For labor and material for underground work, reconstructing aerial circuits, fire alarm boxes and supports, lateral work, lowering and removing poles, removing from pavements stumps of poles taken down in underground district and granitoiding same, and expenses incident thereto	8,130 00
Total.....	$60,430 00

ALARMS SIGNALED.

We have received and signaled during the twelve months ending March 31st, 1901, — 1,340 box alarms, of which, 42 are second alarms; 14 third alarms; 1 fourth alarm and 631 still alarms, making the total number of alarms received and transmitted to the fire and other departments, 1,971.

This Department has now in operation 1,599 miles of aerial wire, 237,871 feet of underground cable of all sizes, 965 fire alarm boxes in circuit (40 of these are private), 44 engine house jokers and attachments, 66 gongs, 48 chain droppers, 414 police patrol boxes, 314 keyless doors, 488 magnetos, 14 telephone switchboards, 1 central fire alarm office and one municipal telephone exchange in the City Hall. All the departments and institutions are connected by 131 telephones. It requires about 2,000 cells of battery to operate this department and the police telephone system. All wires, cables, poles, instruments and everything pertaining to it is in good working order.

FIRE AND POLICE TELEGRAPH RECAPITULATION.

Total appropriation for fiscal year closed	$72,886 11
Total expenditures " " " "	72,849 27
Total balance	$36 84

SYNOPSIS OF THE REPORT OF THE FIRE AND POLICE TELEGRAPH DEPARTMENT.

Total appropriation for fiscal year		$72,886 11
Total expenditures for fiscal year —		
Current expenses	$21,417 14	
New lines, labor and material	1,248 37	
Salaries	24,300 00	
Underground work and new boxes	25,883 76	$72,849 27
Unexpended balance		$36 84
Estimate for the fiscal year 1901–1902		$60,430 00

Superintendent and staff, as per Ordinance —

One Chief Operator.
Three Fire Alarm Operators.
Three Assist. Fire Alarm Operators.
One Batteryman.
One Chief Telephone Inspector.
Two Telephone Inspectors.
Three Telephone Operators.
Three Fire Alarm Inspectors.
One Chief of Construction.
Three Line Repairers.
Total number — 22.

DETAILED STATEMENT OF EXPENSES.

Officers' and employes' salaries	$24,300 00
Extra labor	15,872 88
Fire alarm box patterns	35 00
Laterals and raceway	509 31
Bed clothes and washing	47 90
Drugs, chemicals, oils and paints	271 22
Fire alarm boxes	2,500 00
Insulators, tape and cleats	44 08
Repairing instruments	1,395 05
Hauling and lowering telegraph poles	590 00
Frames, furniture, carpets and instrument stands	204 85
Printing, stationery and postage	299 57
Hardware, tools, and lead pipe	423 97
Switches, fuses and heat coils	34 97
Stabling and shoeing horses	2,627 60
Vehicles, harness and repairs	752 80
Lumber	64 75
Horses, covers, doctor bills and clipping	153 50
Repairing sidewalks	86 05
Telegraph apparatus	18 50
Telegraph poles, cross-arms, etc.	2 28
Street car tickets	85 00
Wire, cables, etc.	20,877 74
Battery material	182 65
Magneto bells, cords and plugs	68 00
Rent for telephones	488 35
Incidentals	4 60
Hire of horses and wagons	799 70
Charcoal	39 40
Register tape	39 60
Time service	30 00
	$72,849 27

MAY 1, 1901.

The following report of work done and materials used during the past fiscal year, is hereby respectfully submitted: —

During the past year new work has been confined almost wholly to an extension of the Police Telephone service, there being 117 stations added to the system, of which 105 were patrol boxes.

The Police Patrol system of the Central and Fourth Districts in the underground territory was changed by the placing in operation of the Gamewell Police Patrol Telephone and Signal system, consisting of sixty-four (64) signal boxes and Central Office equipment. This system is an improvement over the former and since installation has given entire satisfaction.

The Fire Alarm system has been extended by the addition of one (1) fire alarm box and five (5) gong locations.

The Municipal Telephone system, other than Fire and Police, has been extended by the addition of five (5) telephone stations.

A total of eleven (11) telephone stations have been abandoned during the year.

The undergrounding of the City's wires was completed during the past year, and all poles, wires, cable and fixtures used in the aerial construction removed. A total of 525 poles, 250 miles of wire, and 9,060 feet of 25 conductor cable was taken down.

A general reconstruction has taken place in the way of transferring from old to new poles and the replacing of old wire, arms and fixtures. In the performance of this work 15 miles of wire was transferred and 21¼ miles of old wire replaced.

The poles set during the year for new lines and reconstruction were old poles reframed.

UNDERGROUND WORK.

The following amount of cable was installed during the past year: —

BELL TELEPHONE CONDUIT.

38	pairs.				1,390 feet.
33	"	and 14	conductors...		4,701 "
26	"	" 7	"		862 "
10	"	" 8	"		105 "
7	"	" 7	"		1,029 "
7	"	" 9	"		1,311 "
1	"	" 2	"		603 "
1	"				2,600 "
2	conductors				12,000 "

NEW FIRE ALARM BOX LOCATIONS.

Box No. 5457 — Delmar and DeBaliviere avs.

NEW GONG LOCATIONS.

St. Louis Transit Co. — Park and Vandeventer avs.
Asst. Chief Shockey's residence.
Nineteenth and St. Louis av.
O'Fallon Park Police Station.
Asst. Chief Busche's residence.

NEW TELEPHONE STATIONS — MUNICIPAL DEPARTMENT.

Water Department — Maline Creek.
Water Department — Douglas st.
Fire Department — Horse Hospital.
Special Tax — Room 409 City Hall.
Sheriff's Office — Court House.

NEW TELEPHONE STATIONS. — POLICE DEPARTMENT.

Tracer's desk — Four Courts.
Office 8th Police District.
First District Police Court.
Captain's Office — 3rd Police District.
" " 9th " "
" " 10th " "
" " 5th " "
Patrol House — Four Courts.
Asst. Chief Detective Smith's residence.
Chief — M. Kiely — residence.
Andrew F. Biong's residence.
City Hospital.
Patrol Box — Lemp's Switch.
" " — 4th and Locust sts.
" " — 8th and St. Charles sts.
" " — 6th and Lucas avs,
" " — 15th and Pine sts.
" " — 16th and Morgan sts.
" " — 21st and Lucas av.
" " — 19th and Franklin av.
" " — Kingshighway and Natural Bridge road.
" " — Broadway and Bates st.
" " — Ivory av. and Stein st.
" " — Carondelet Park.
" " — California and Gravois avs.
" " — 1959 Wyoming st.
" " — 11th and Victor sts.
" " — California and Russell avs.
" " — Jefferson and Chouteau avs.
" " — 9th and Shenandoah av.
" " — 18th and Wash sts.
" " — 17th and Cass av.
" " — 20th and Cass av.
" " — Hogan and O'Fallon sts.
" " — 14th and Buchanan sts.
" " — 23d and St. Louis av.
" " — Grand and Cleveland avs.
" " — Grand av. and Arsenal st.
" " — Grand and Gravois avs.
" " — Oak Hill and Connecticut av.
" " — Juniata and Morganford road.
" " — Meramec st. and Morganford road.
" " — 28th and Olive st.
" " — Compton av. and Olive st.
" " — Laclede and Compton av.
" " — Grand and Laclede avs.
" " — Euclid and Laclede avs.
" " — Sarah and Clayton av.
" " — 22d st. and Franklin av.
" " — Leffingwell and Lucas avs.
" " — Elliot av. and Benton st.
" " — Spring and Finney avs.
" " — Sarah and Suburban railroad.
" " — Lincoln and Warne avs.
" " — Vandeventer and North Market st.
" " — Spring and Cottage avs.
" " — Sarah st. and Kennerly av.
" " — Kingshighway and Cabanne av.
" " — Academy and Page avs.
" " — Union av. and Suburban railroad.
" " — Goode and Kennerly avs.

Patrol Box — Taylor av. and North Market st.
" " — Labadie and Newstead av.
" " — Marcus av. and Natural Bridge road.
" " — Euclid and St. Louis avs.
" " — Jefferson av. and Hebert st.
" " — 14th and North Market st.
" " — 2nd and North Market st.
" " — 20th and Cass av.
" " — Wharf and Anglerodt st.
" " — 1939 Palm st.
" " — 14th and Mullanphy st.
" " — Grand and Florissant av.
" " — Glasgow av. and Natural Bridge Road.
" " — 23rd and Bremen av.
" " — Grove street and Carter av.
" " — Broadway and Bremen av.
" " — Grand av. and 2nd street.
" " — Angelica and Hall st.
" " — Pope and Florissant av.
" " — College av. and 20th st.
" " — Broadway and Talcott av.
" " — Broadway and Humboldt av.
" " — Prairie av. and Penrose.
" " — Florissant and Fair av.
" " — Newstead and Lee av.
" " — Newstead and Natural Bridge road.
" " — Manchester av. and Papin st.
" " — Newstead and Chouteau av.
" " — Vandeventer Station Mo. Pac. R. R.
" " — Lawrence and Folsom av.
" " — Tower Grove and Russell avs.
" " — Old Manchester and Shaw av.
" " — Thurman and Shenandoah av.
" " — Spalding av. and Kingshighway.
" " — Walton and Fountain avs.
" " — 4th and Market st.
" " — 2nd and Spruce st.
" " — Broadway and Poplar st.
" " — 23rd and Eugenia sts.
" " — 7th and Gratiot sts.
" " — 18th and Papin sts.
" " — 15th and Poplar sts.
" " — Plymouth and Goodfellow avs.
" " — Belt and Page avs.
" " — Clayton and McCausland avs.
" " — Grand av. and Meramec st.
" " — Union av. and Suburban R. R.
" " — Goodfellow av. and Suburban R. R.
" " — Broadway and Columbia Bottom rd.
" " — Belt and St. Louis avs.
" " — Arsenal and Brannon av.
" " — Mitchell and McCausland avs.
" " — Manchester and Macklind avs.
" " — Florissant and Marcus avs.
" " — Delmar and DeBaliviere avs.
" " — Thekla and Wren avs.

ABANDONED TELEPHONE STATIONS.

Chas. P. Higgin's Residence.
W. E. Atmore's "
A. C. Steuver's "
Dr. O. Forster's "
L. D. Kingsland's "
Julius Wurzburger's Residence.
Mayor Ziegenhein's "
John B. Owen's "
I. H. Sturgeon's "
A. C. Steuver's office.

POLES SET — NEW LINES.

2-35 — Carondelet Park.
1-40 — Potomac st. and R. R. track.
8-35 — and 1-40 — N. S. Anglerodt st. between Hall and Wharf.
28-35 — Forest Park.
1-45 — East building line No. 27 Engine House.
2-35 — Alley south of Morrison av., east of 13th st.
2-35 — Alley east of Carpenter pl.
2-35 — W. S. Spring, between Cook and Finney avs.
4-35 — W. S. Pleasant, between Lee and Kossuth avs.
1-45 — S. E. Corner Lee and Prairie avs.
1 Guy — Laclede and Manchester avs.
1 Guy — Alley north of Laclede av., west of Beaumont st.
1-35 — Twenty-third and Bremen av.
1-40 — Alley south of Easton east of Leonard av.
1-35 — Marcus av. between N. Market and Leduc, east side.
1-35 — Rear 4659 Leduc.
2-40 — W. S. 19th st. 1st and 2d pole south of O'Fallon st.
1-40 — Florissant and Gano avs.
1-40 — Rear 3713 Page av.

POLES SET — RECONSTRUCTION.

1-40 — Dorcas st. 1st pole west of R. R. track.
1-40 — Broadway and Osage st.
1-35 — Nebraska av. and Gasconade st.
1-35 — Front of 3336 Wisconsin av.
1 Guy — Wisconsin av. just west of Broadway.
1-40 — Garrison and Clark avs.
8-35 — N. S. Mallinckrodt between 2d and Hall st.
4-40 — North Market st. between 9th and Broadway.
1-50 — N. E. corner Eugenia and Lefflingwell av.
1-40 — Glasgow av. and North Market st.
1-35 — Spalding av. and Union boulevard.

MATERIAL STATEMENT, FISCAL YEAR 1900-1901.

MATERIAL.	Amount Used, New Work.	Amount Used, Reconstruction	Total Amount Used.
Cross Arms	774	395	1,169
Iron Braces	1,569	693	2,262
Bolts, 7 inch	17	39	56
Bolts, 4 inch	791	502	1,293
Bolts, 2½ inch	1,546	795	2,341
Bolts, Machine	729	634	1,363
Brackets	9	46	55
Battons	125	62	187
Back Boards	5	6	11
Break Irons	53	50	103
Cleats	1,001	840	1,841
Carbon Hooks	35	24	59
Glass Insulators	4,447	820	5,267
Porcelain Knobs	71	127	198
Poles, 35 foot	48	7	55
Poles, 40 foot	7	8	15
Poles, 45 foot	2	1	3
Pins	5,932	2,872	8,804
Pipe, 3½ foot	58	1	59
Pipe, 6 foot	4	6	10
Pole Steps	312	210	522
Staples	75	38	113
Tape, lbs	32	75	107
Wire, No. 10 Iron, insulated, miles	92	21¼	113¼
Wire, No. 14 Copper, insulated, lbs	146	111	257
Wire, No. 18 Copper, duplex, feet	4,000		4,000

FIRST DISTRICT POLICE COURT, CLERK'S OFFICE,
ST. LOUIS, MO., April 12, 1901.

Honorable Rolla Wells, Mayor of the City of St. Louis:

SIR—In compliance with the requirements of the Ordinance regulating Police Courts, I beg leave to submit to your Honor a report of the business of the First District Police Court for the year ending March 31, 1901.

GENERAL VIEW.

MONTHS.	No. of Cases tried and carried over.	No. of State Cases and Dismissals.	No. of Cases in which Fines were imposed.	No. of Cases in which Fines were paid.	No. of Execu. sent to the Workhouse.	No. of Executions "otherwise" return'd	Amt. of Fines imposed, & amt. of Executions & Fee Bills deliv'd to the City Marshal for collec'n: Fines Imposed.	Costs to be Collected.	Witness and Jury Fees to be collected.	Total to be Collected.	Amount of Executions and Fee Bills returned "satisfied" by the City Marshal: Fines Paid.	Costs Paid.	Witness and Jury Fees Paid.	Total Amount Collected.	Amount of Executions sent to the Workhouse: Fines.	Costs.	Witness and Jury Fees.	Total.	Amount of Executions otherwise returned by the City Marshal: Fines.	Costs.	Witness and Jury Fees.	Total.
April, 1900	804	556	248	128	48	72	$2772 00	$744 00	$7 00	$3523 00	$60 00	$384 00	$5 50	$449 50	$1221 00	$144 00	.....	$1365 00	$1491 00	$216 00	$1 50	$1708 50
May	726	588	138	70	21	47	1625 00	414 00	4 50	2043 50	25 00	210 00	4 50	239 50	340 00	68 00	.....	408 00	1260 00	141 00	.....	1401 00
June	920	681	239	126	53	60	1955 00	717 00	.....	2672 00	170 00	378 00	.....	548 00	725 00	159 00	.....	884 00	965 00	275 00	.....	1240 00
July	1316	889	447	228	95	124	3540 00	1341 60	10 50	4891 50	130 00	684 00	4 50	818 50	1505 00	285 00	$6 00	1796 00	1675 00	602 00	.....	2277 00
August	1045	645	400	227	69	104	3535 00	1200 00	1 50	4736 50	167 00	681 00	.....	848 00	1143 00	207 00	.....	1350 00	2200 00	337 00	1 50	2538 50
September	1041	696	345	196	59	90	2088 00	1035 00	.....	3123 00	30 00	588 00	.....	618 00	743 00	177 00	.....	920 00	1315 00	270 00	.....	1585 00
October	1000	694	306	165	37	104	1713 00	918 00	.....	2631 00	70 00	495 00	.....	565 00	425 00	111 00	.....	536 00	1218 00	312 00	.....	1530 00
November	751	489	262	133	59	70	1770 00	786 00	9 00	2565 00	45 00	399 00	9 00	453 00	775 00	177 00	.....	952 00	950 00	210 00	.....	1160 00
December	965	682	283	110	74	99	3410 00	849 00	16 00	4275 00	70 00	330 00	7 50	407 50	1215 00	222 00	.....	1437 00	2125 00	297 00	8 50	2430 50
January, 1901	946	726	220	67	65	88	3975 00	660 00	7 50	4642 50	40 00	201 00	6 00	247 00	1785 00	195 00	.....	1980 00	2150 00	264 00	1 50	2415 50
February	710	589	121	39	32	50	1470 00	363 00	7 00	1840 00	.....	117 00	5 50	122 50	545 00	96 00	.....	641 00	925 00	150 00	1 50	1076 50
March	987	747	190	50	42	98	2360 00	570 00	9 00	2939 00	20 00	150 00	3 00	173 00	580 00	126 00	.....	706 00	1760 00	294 00	6 00	2060 00
	11161	7962	3199	1539	654	1006	$30213 00	$9597 00	$72 00	$39882 00	$827 00	$4617 00	$45 50	$5489 50	$11002 00	$1962 00	$6 00	$12970 00	$18034 00	$3368 00	$20 50	$21422 50

RECAPITULATION.

Total number of Cases tried and carried over	11,161	1,006
Total number of State Cases and dismissals	7,962	392
Total number of Fines imposed	3,199	319
	11,161	77
		24
Total number of Fines paid	1,539	191
Total number of Workhouse Executions	654	8
Total number of Executions "otherwise" returned	1,006	
	3,199	1,006
Total amount of Fee Bills and Executions delivered to the City Marshal for collection	$39,882 00	
Amount of Fee Bills and Executions returned "satisfied"	5,489 50	
Amount of Executions sent to the Workhouse	12,970 00	
Amount of Executions otherwise returned	21,422 50	
	$39,882 00	

Items of executions "otherwise" returned	$21,422 50
Cases stayed by the Mayor	$3,908 00
Cases returned "Nulla Bona"	9,028 50
Cases Appealed	2,855 00
Cases carried over from month to month; all included in this report	972 00
Cases Execution Stayed by Police Justice	3,955 00
Cases sent to House of Refuge	79 00
(30) Cases in which Mayor Remits part of fine	625 00
	$21,422 50

All of which is respectfully submitted,

PATRICK J. REGAN,

Clerk First District Police Court.

SECOND DISTRICT POLICE COURT, CLERK'S OFFICE,
ST. LOUIS, MO., April 1, 1901.

Honorable Henry Ziegenhein, Mayor of the City of St. Louis:

SIR—In compliance with the requirements of the Ordinance regulating Police Courts, I beg leave to submit to your Honor a report of the business of the Second District Police Court for the year ending March 31, 1901.

GENERAL VIEW.

MONTHS.	No. of Cases tried and carried over.	No. of State Cases and Dismissals.	No. of Cases in which Fines were Imposed.	No. of Cases in which Fines were Paid.	No. of Execn. sent to the Workhouse.	No. of Executions "otherwise" return'd	Amt. of Fines Imposed, & amt. of Executions & Fee Bills deliv'd to the City Marshal for collec'n: Fines Imposed.	Costs to be Collected.	Witness and Jury Fees to be Collected.	Total to be Collected.	Amount of Executions and Fee Bills returned "satisfied" by the City Marshal: Fines Paid.	Costs Paid.	Witness and Jury Fees Paid.	Total Amount Collected.	Amount of Executions sent to the Workhouse: Fines.	Costs.	Witness and Jury Fees.	Total.	Amount of Executions otherwise returned by the City Marshal: Fines.	Costs.	Witness and Jury Fees.	Total.
April, 1900	595	497	98	20	36	42	$2057 00	$276 00	.....	$2333 00	$2 00	$60 00	.....	$62 00	$1695 00	$108 00	.....	$1803 00	$360 00	$108 00	.....	$468 00
May	355	281	74	24	25	25	2427 00	222 00	$1 50	2650 50	22 00	72 00	.....	94 00	1530 00	75 00	.....	1605 00	875 00	75 00	.....	951 50
June	613	500	113	39	36	38	2671 00	336 00	.....	3007 00	38 00	117 00	.....	155 00	1473 00	108 00	.....	1581 00	1160 00	111 00	.....	1271 00
July	799	661	185	80	32	26	1037 00	414 00	3 00	1454 00	21 00	240 00	.....	361 00	576 00	96 00	.....	672 00	440 00	78 00	.....	521 00
August	902	632	270	179	71	20	1366 00	630 00	.....	1996 00	36 00	363 00	.....	399 00	1085 00	213 00	.....	1298 00	245 00	54 00	.....	299 00
September	703	526	177	68	60	49	2644 00	528 00	.....	3172 00	44 00	204 00	.....	248 00	1275 00	180 00	.....	1455 00	1325 00	144 00	.....	1469 00
October	658	501	157	34	62	61	1893 00	471 00	.....	2364 00	6 00	102 00	.....	108 00	1195 00	186 00	.....	1381 00	692 00	183 00	.....	875 00
November	457	352	105	14	66	25	3157 00	312 00	.....	3463 00	9 00	42 00	.....	51 00	2830 00	198 00	.....	3028 00	312 00	72 00	.....	384 00
December	439	327	112	29	48	35	1824 00	330 00	.....	2154 00	7 00	87 00	.....	94 00	805 00	144 00	.....	949 00	1012 00	99 00	.....	1111 00
January, 1901	520	398	122	26	51	45	2089 00	363 00	.....	2448 00	.....	78 00	.....	78 00	1000 00	153 00	.....	1153 00	1080 00	132 00	.....	1212 00
February	339	256	83	10	34	39	1962 00	249 00	.....	2211 00	2 00	30 00	.....	32 00	880 00	102 00	.....	982 00	1080 00	117 00	.....	1197 00
March	520	391	129	9	66	54	3497 00	387 00	.....	3884 00	5 00	27 00	.....	32 00	2410 00	198 00	.....	2608 00	1082 00	162 00	.....	1244 00
	6900	5322	1578	532	587	459	$27059 00	$4518 00	$4 50	$31181 50	$192 00	$1422 00	.....	$1614 00	$16754 00	$1761 00	.....	$18515 00	$9663 00	$1335 00	.....	$11002 50

RECAPITULATION.

Total number of cases tried and carried over	6,900		
Total number of State Cases and dismissals		5,322	
Total number of Fines Imposed		1,578	
		6,900	
Total number of Fines Paid			532
Total number of Workhouse Executions			587
Total number of Executions "otherwise" returned			459
			1,578
Total amount of Fee Bills and Executions delivered to the City Marshal for collection	$31,131 50		
Amount of Fee Bills and Executions returned "satisfied"			$1,614 00
Amount of Executions sent to the Workhouse			18,515 00
Amount of Executions otherwise returned			11,002 00
			$31,131 50

Items of Executions "otherwise" returned.

284	Cases stayed by the Mayor	$3,167 50
23	Cases returned "Nulla Bona"	689 00
97	Cases Appealed	5,646 00
21	Cases carried over	510 00
...	Cases Execution Stayed by Police Justice	.....
20	Cases sent to House of Refuge	750 00
14	Cases in which Mayor Remits part of Fine	240 00
459		$11,002 50

All of which is respectfully submitted,

JOHN N. SPEARS,
Clerk of the Second District Police Court.